SAFETY PRODUCTS

ALLEGRO®
INDUSTRIES



INNOVATION & TECHNOLOGY

In this catalog, you'll find our newest high-quality product offerings that feature the most innovative technologies and materials—providing your team with the tools to keep them safe in your work environment.

In doing so, we remain dedicated to helping our customers select the right product for the job, which is why we've developed our 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. Download it from either the Google Play or Apple App Store today!

SUPPORT

We invite you to visit our updated website at ***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, SDS sheets, specification sheets, and all the product information you will need.*

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!





RESPIRATORY 5

Mask, Hood and Helmet Systems....6
High and Low Pressure Components....7
Respirator Masks, Hoods and Helmets....8
Air Flow Valves and Cascade Kits....12
Breathing Air Pumps....13
Low Pressure Breathing Air Pump Systems....14
Low Pressure Welding Systems....15
Low Pressure Breathing Air Blower Systems....16
Low Pressure Breathing Cold Air Systems....18
High Pressure Breathing Air Filtration Panels and Accessories....20
SAR Pharmaceutical Hoods....24
Respirator Fit Testing....26
Respirator Accessories....27
Respirator Cleaning....28

WELDING & GRINDING 31

EZ Air Powered Air Purifying Respirators....31
Supplied Air Helmets....34
Supplied Air Helmets and System Components....35
Supplied Air Helmet Systems....36
Portable Fume Extractor....37

ABRASIVE BLASTING 38

Abrasive Blasting Helmets....38
Abrasive Blasting Helmets and Filter....39

RESPIRATOR / AED STORAGE 40

Wall Cases....40
Storage and Carry Bags....43
Defibrillator Storage....44

SAMPLING PRODUCTS 45

Sampling Pump and Cassettes....45

BLOWERS 46

Air Bags....46
Axial Plastic Blowers....48
Axial Industrial Plastic Blowers....52
Axial Metal Blowers....54
Centrifugal Blowers....58
Axial Booster Plastic Blowers....60
Carpet Blowers....61
Venturi Blowers....62
Pneumatic Blowers....63
Manhole Ventilation Passthru....64
Blower Accessories....65
Ducting and Accessories....66
Ventilation Information....67

CONFINED SPACE 68

Work Tents and Heaters....68
Lid Lifters and Accessories....70
Confined Space Accessories....72
Dewatering Pumps....73

ERGONOMICS 74

Back Support....74
Wrist & Elbow Support....76

KNEE PROTECTION 77

Knee Pads....77

SEASONAL CLIMATE CONTROL 80

Cooling Products....80

LENS CARE 82

ALLEGRO® INDUSTRIES

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

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FOLLOW US:

FEATURED NEW PRODUCTS

FULL MASK BREATHING AIR BLOWER RESPIRATOR SYSTEM
PAGE 16



FULL MASK BREATHING COLD AIR RESPIRATOR SYSTEM
PAGE 18



DELUXE SOURCE PRE-FILTER
PAGE 22



BREATHING AIR FILTRATION PANEL CARTS
PAGE 23



RESPIRATOR WIPES POCKET PAK DISPENSER
PAGE 28



EZ AIR MAX PAPR
PAGE 31



STO-SACK
PAGE 66



MANHOLE SAFETY CROSS
PAGE 72



LENS WIPES POP-UP PAK
PAGE 82



Refer to our website for a full listing of our featured products.

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 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 and click on the support menu.



ONLINE VIDEO

We'll add new videos throughout the year so check our website regularly.



AIR BAGS



M2 MULTI-MOLD™ CASSETTES



BITTER / SWEET FIT TEST



MAGNETIC MANHOLE LID LIFTER



CONFINED SPACE



CLEANING PRODUCTS



CONFINED SPACE ACCESSORIES



SMOKE FIT TEST



CONFINED SPACE TENTS



SUPPLIED AIR RESPIRATORS



COOLING PRODUCTS



EZ AIR PAPRS



FILTRATION CALIBRATION



BREATHING AIR BLOWER

RESPIRATORY

WE HAVE DEVELOPED A COMPLETE LINE OF NIOSH APPROVED SUPPLIED AIR RESPIRATOR SYSTEMS. OUR FULL MASK SAR AND 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. WE REMAIN 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



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



EZ AIR MAX

9906 Low Pressure
9906 High Pressure

HIGH AND LOW PRESSURE COMPONENTS

2 CHOOSE AN AIR CONTROL DEVICE



LOW PRESSURE FLOW ADAPTER

9910-11 Low Pressure



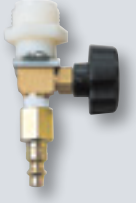
AIR TEMPERATURE CONTROLLER

9990 High Pressure



PERSONAL AIR COOLER

9991 High Pressure



ADJUSTABLE FLOW CONTROL VALVE

9992 High Pressure

3 CHOOSE THE APPROPRIATE AIRLINE HOSE



LOW PRESSURE SINGLE AIRLINE HOSE

9100-25 25' Low Pressure Airline Hose
9100-50 50' Low Pressure Airline Hose
9100-100 100' Low Pressure Airline Hose



HIGH PRESSURE SINGLE AIRLINE HOSE

9101-25B 25' High Pressure Airline Hose
9101-50B 50' High Pressure Airline Hose
9101-100B 100' High Pressure Airline Hose

4 CONNECT TO ANY AIR SOURCE



LOW PRESSURE BREATHING AIR PUMP

See page 13



HIGH PRESSURE BREATHING AIR FILTRATION PANEL

See pages 20-21

RESPIRATOR MASKS, HOODS AND HELMETS



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***

LOW PRESSURE

9920	Low Pressure Half Mask Supplied Air Respirator





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***

LOW PRESSURE

9901	Full Mask Supplied Air Respirator Assembly

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.





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

9910	Tyvek® Respirator Hood Assembly
9910-10	Replacement Hood w/ Suspension (Downtube not included)

ACCESSORIES

9910-25	Lens Covers 10/pkg.



RESPIRATOR MASKS, HOODS AND HELMETS



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.



RESPIRATOR MASKS, HOODS AND HELMETS



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 contaminates 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.



RESPIRATOR MASKS, HOODS AND HELMETS



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 contaminates 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 contaminates 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 #10 Lens Kit



EZ AIR MAX SUPPLIED AIR WELDING HELMET

- Designed for industrial applications where combined respiratory, eye and face protection is required.
- Features a perfectly balanced flip-up visor to expose a grinding shield below that maintains respiratory protection while workers can continue grinding or inspecting welds.
- Made from Dupont® super tough flame retardant nylon that can withstand extreme cold/heat without cracking or deforming
- Lightweight at 1.8 lbs. (0.81 kg) with ADF
- Large helmet design accommodates safety glasses under the face shield
- Air Train directs air over the head and across the breathing zone, minimizes fogging
- User control of airflow direction
- APF 25
- Adjustable durable Pera-Lok locking ratcheting head gear with replaceable ultra-soft sweat band
- Comfortable and easily replaceable 100% cotton FR treated face seal
- UV exceeds Shade 6, IR6+ side panels for peripheral vision to help prevent blind side exposure from other nearby work
- Recommended applications are welding, assembly, facility maintenance, grinding, machine operations, painting and sanding.
- Suggested industries include automotive, food and beverage, pharmaceutical, general manufacturing, metal production and fabrication, military maintenance, repair and operation (MRO) and transportation.
- Complies with ANSI Z87.1+ and CAN/CSA Z94.3 for face-shield/eye protection.
- ***NIOSH approved***

LOW PRESSURE

9906-W	EZ Air Max Welding SAR w/ No Flow Valve
9906-DW	EZ Air Max Welding SAR w/ LP Adapter

HIGH PRESSURE

9906-CW	EZ Air Max Welding SAR w/ Personal Cooler
9906-CVW	EZ Air Max Welding SAR w/ Control Valve
9906-HCW	EZ Air Max Welding SAR w/ Air Temperature Controller

ACCESSORIES

9904-36	Replacement Variable Shade Lens Kit

SUPPLIED AIR FLOW VALVES



LOW PRESSURE FLOW ADAPTER

Designed to be used with a Low Pressure Supplied Air Respirator, the Low Pressure Flow Adapter allows the hood to connect to a breathing 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 waist 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 Waist Belt included



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 waist belt and leather sheath to protect the user from temperature extremes.

9990 Waist Belt included



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. Includes a waist belt with the airflow valve.

9991 Waist Belt included



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. Includes a waist belt with the airflow valve.

9992 Waist Belt included

INLET PSI REQUIREMENTS

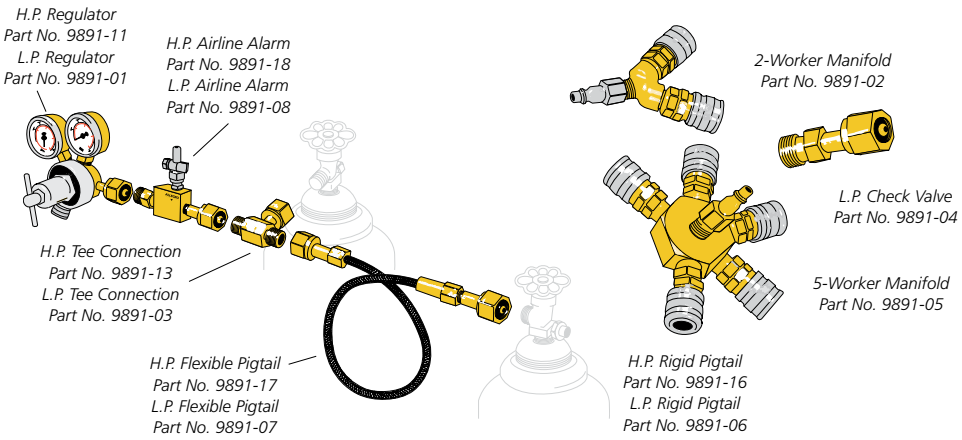
RESPIRATOR	*DESCRIPTION*	*PSI RANGE 9910-11 (LP)*	*PSI RANGE 9990 (HP)*	*PSI RANGE 9991 (HP)*	*PSI RANGE 9992 (HP)*
9901/9902 Series	Full Face Mask	6-50 (9901 Series)	55-015	50-85	20-50
9903 Series	Economy Air Shield	6-50	90-120	72-98	25-46
9904 Series	Deluxe Air Shield/Helmet	6-50	0-120	68-93	27-47
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			

BREATHING AIR CASCADE PRODUCTS

BREATHING AIR CASCADE KITS

Used to reduce high pressure through a series of tee and flexible pigtail connectors, our exclusive Low Pressure Breathing Air 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 breathing air cascade system.



BREATHING AIR CASCADE KITS

BREATHING AIR 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 breathing air cascade systems: 3000 psi; high pressure breathing air cascade systems: 5500 maximum psi. Breathing Air Cascade Kits come standard with Foster/Hansen couplers. Other couplers are available upon request.

BREATHING 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
9821-E (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

LOW PRESSURE PUMP SPECS

MODEL NO.	PART NO.	MAX. NO. RESP.	MAX. NO. HOODS	POWER REQUIRED	LBS	HP	PSI	CFM
A-300	9806	1	0	4.6/2.3/115/230V AC	33	1/4	0-15	0-5
A-750	9821	2	1	9.05/4.6/115/230V AC	53	3/4	0-15	0-10
A-1500TE	9832	3	2	12.4/6.8-6.2/115/230V AC	97	1 1/2	0-15	0-20
A-1500EX	9833*	3	2	16/8/115/230V 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 220V/50Hz. For more information call Customer Service at 800-622-3530

WARNING: Breathing 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: Breathing Air 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 breathing air pumps.
Only class "C" (constant flow) respirators will work properly.
NOTE: Breathing Air 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 breathing 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

(Pump sold separately)

BREATHING AIR PUMP CO MONITOR
The Breathing 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 8¼"l x 3½"w x 6¾"h. Weighs 3½ lbs.



9900-45

FLOW TEST KIT FOR CONSTANT FLOW SUPPLIED AIR RESPIRATORS
CFM tester checks the volume of air that gets to the respirator. A flow meter simply quick connects onto an airline hose to check the respirator system for NIOSH compliant air flows. The kit contains flow meter and a full assortment of quick connect plugs and adapters to fit all respirator manufacturer's airline hoses. Excellent for use with breathing 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 breathing air pump you have.



9700-65

LOW PRESSURE BREATHING AIR PUMP 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, ¾ hp or 1½ hp breathing air pump, and one, two, or three 50 or 100 foot breathing air hose(s).



9205-01	1-Worker Half Mask System w/ 50' Hose
9215-01	1-Worker Half Mask System w/ 100' Hose
9205-02	2-Worker Half Mask System w/ 50' Hoses
9215-02	2-Worker Half Mask System w/ 100' Hoses
9205-03	3-Worker Half Mask System w/ 50' Hoses
9215-03	3-Worker Half Mask System w/ 100' Hoses



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, ¾ hp or 1½ hp breathing air pump, and one, two, or three 50 or 100 foot breathing air hose(s).



9200-01	1-Worker Full Mask System w/ 50' Hose
9210-01	1-Worker Full Mask System w/ 100' Hose
9200-02	2-Worker Full Mask System w/ 50' Hoses
9210-02	2-Worker Full Mask System w/ 100' Hoses
9200-03	3-Worker Full Mask System w/ 50' Hoses
9210-03	3-Worker Full Mask System w/ 100' Hoses



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 breathing air pump, and one or two 50 or 100 foot breathing air hose(s).



9220-01	1-Worker Tyvek® Hood System w/ 50' Hose
9230-01	1-Worker Tyvek® Hood System w/ 100' Hose
9220-02	2-Worker Tyvek® Hood System w/ 50' Hoses
9230-02	2-Worker Tyvek® Hood System w/ 100' Hoses



ECONOMY SUPPLIED AIR SHIELD SYSTEM

Perfect for use with grinding, chipping, spray painting and body repair, our 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 breathing air pump, and one or two 50 foot breathing air hose(s). Complies with ANSI Z87.1-2003.



9245-01	1-Worker Economy Shield System w/ 50' Hose
9245-02	2-Worker Economy Shield System w/ 50' Hoses

LOW PRESSURE WELDING SYSTEMS



DELUXE SUPPLIED AIR SHIELD / HELMET SYSTEM



Our Deluxe Supplied Air Shield uniquely provides all-in-one head, eye, face and respiratory protection against hazardous airborne contaminates and flying debris. It delivers a constant and plentiful supply of clean purified air. Our 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 breathing air pump, and one or two 50 foot breathing air hose(s). Complies with ANSI Z87.1+.

9247-01 1-Worker Deluxe Shield SAR System w/ 50' Hose
9247-02 2-Worker Deluxe Shield SAR System w/ 50' Hoses



DELUXE SUPPLIED AIR SHIELD AND WELDING HELMET SYSTEM (BLUE)



Our 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 ¾ hp or 1½ hp breathing air pump, and one or two 50 foot breathing air hose(s). NIOSH approved/ANSI certified "all-in-one" system provides respiratory, head, eye and face protection.

9248-01 1-Worker Deluxe Blue Welding Helmet System w/ 50' Hose
9248-02 2-Worker Deluxe Blue Welding Helmet System w/ 50' Hoses



DELUXE SUPPLIED AIR SHIELD AND WELDING HELMET SYSTEM (BLACK)



Our 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 from a clean air source. They include one or two shields and welding helmets, a ¾ hp or 1½ hp breathing air pump, and one or two 50 foot breathing air hose(s). NIOSH approved/ANSI certified "all-in-one" system provides respiratory, head, eye and face protection.

9249-01 1-Worker Deluxe Black Welding Helmet System w/ 50' Hose
9249-02 2-Worker Deluxe Black Welding Helmet System w/ 50′ Hoses



EZ AIR MAX SUPPLIED AIR WELDING HELMET SYSTEM



Our EZ Air Max Welding Helmet w/ Grinding Shield is the perfect choice for your industrial application needs where combined respiratory, eye and face protection is required. This welding helmet features a flip-up visor to expose a grind shield below that maintains respiratory protection while workers can continue grinding or inspecting welds. Recommended applications are welding, assembly, facility maintenance, grinding, machine operations, painting and sanding. Suggested industries include automotive, food and beverage, pharmaceutical, general manufacturing, metal production and fabrication, military maintenance, repair and operation (MRO) and transportation. Complies with ANSI Z87.1+ and CAN/CSA Z94.3 for face-shield/eye protection. NIOSH approved. They include one or two welding helmets w/ grinding shields, a ¾ hp or 1½ hp breathing air pump, and one or two 50 foot breathing hose(s).

9250-01 1-Worker EZ Air Max System w/ 50' Hose
9250-02 2-Worker EZ Air Max System w/ 50' Hoses

WE ARE PROUD TO OFFER OUR NEW BREATHING AIR BLOWER RESPIRATOR SYSTEMS THAT PROVIDE FRESH, SAFE OSHA-COMPLIANT BREATHING AIR FOR THE NIOSH APPROVED RESPIRATORS THAT ARE INCLUDED IN OUR 1- AND 2-WORKER SYSTEMS. THE UNIT DOES NOT HEAT THE BREATHING AIR AND HELPS IMPROVE WORKER'S SAFETY AND COMFORT WHILE REDUCING THE FREQUENCY AND DURATION OF BREAKS. NOW YOU DON'T HAVE TO COMPROMISE PRODUCTIVITY BECAUSE OF HOT WORKING ENVIRONMENTS.

LOW PRESSURE BREATHING AIR BLOWER RESPIRATOR SYSTEMS

NEW

BREATHING AIR BLOWER

Our Breathing Air Blower is a portable, lightweight, fresh air supply system which provides safe and comfortable breathing air for industrial users who require an OSHA compliant fresh air supply system while maximizing productivity. While our Breathing Air Blower improves the worker's safety and comfort, it also helps reduce their frequency and duration of breaks on the job. This self-contained, low maintenance unit includes a removable and washable filter and is contained in a rugged roto-molded plastic housing for longer lasting durability.

9815-EF
Breathing Air Blower
w/ EF Couplers



Included in 1-Worker System



ONLINE VIDEO

NEW



FULL MASK BREATHING AIR BLOWER RESPIRATOR SYSTEMS

Our Full Mask Breathing Air Blower Respirator Systems provide a portable air source for one or two respirator users. They include one or two NIOSH approved full mask supplied air respirator(s), a breathing air blower, flow meter, and one or two 50 foot breathing air hose(s). ***Includes NIOSH approved respirator(s).***

9200-01A 1-Worker Full Mask Breathing Air Blower Respirator System w/ 50' Hose

9200-02A 2-Worker Full Mask Breathing Air Blower Respirator System w/ 50' Hoses



NEW



SINGLE BIB HOOD BREATHING AIR BLOWER RESPIRATOR SYSTEMS

Our Single Bib Hood Breathing Air Blower Respirator Systems provide a portable air source for one or two workers. They include one or two NIOSH approved disposable, lightweight Tyvek hood(s), a breathing air blower, flow meter, and one or two 50 foot breathing air hose(s). ***Includes NIOSH approved respirator(s).***

9221-01A 1-Worker Single Bib Hood Breathing Air Blower Respirator System w/ 50' Hose

9221-02A 2-Worker Single Bib Hood Breathing Air Blower Respirator System w/ 50' Hoses



NEW



DOUBLE BIB HOOD BREATHING AIR BLOWER RESPIRATOR SYSTEMS

Our Double Bib Hood Breathing Air Blower Respirator Systems provide a portable air source for one or two workers. They include one or two NIOSH approved disposable, lightweight Tyvek hood(s), a breathing air blower, flow meter, and one or two 50 foot breathing air hose(s). ***Includes NIOSH approved respirator(s).***

9222-01A 1-Worker Double Bib Hood Breathing Air Blower Respirator System w/ 50' Hose

9222-02A 2-Worker Double Bib Hood Breathing Air Blower Respirator System w/ 50' Hoses



LOW PRESSURE RESPIRATOR MASKS AND HOODS





LP Adapter w/ waist belt included

FULL MASK RESPIRATOR

Made of silicone rubber for better durability and will hold its shape even in extreme heat and cold. The double sealing flange provides an improved face-to-mask seal and a deep chin pocket provides a better, more comfortable fit. The replaceable polycarbonate lens offers a wider, distortion-free viewing area with an anti-fog, anti-scratch coating. 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. ***NIOSH approved.***

9902-EF Full Mask Respirator w/ LP Adapter





LP Adapter w/ waist belt included

SINGLE BIB MAINTENANCE FREE TYVEK® HOOD

Made of a poly-coated Tyvek® material, this hood is designed and constructed in one-piece with the downtube and head suspension completely integrated. This makes it maintenance free eliminating the need for decontamination of the breathing tube or replacement parts since the entire assembly is disposed of after use. The Tyvek material is flexible, splash resistant and seals in the air flow. The hood features a large lens for increased visibility. ***NIOSH approved.***

9910-EF Single Bib Maintenance Free Tyvek® Hood w/ LP Adapter



LP Adapter w/ waist belt included

DOUBLE BIB MAINTENANCE FREE TYVEK® HOOD

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

9912-EF Double Bib Maintenance Free Tyvek® Hood w/ LP Adapter

BREATHING AIR BLOWER RESPIRATOR SYSTEM COMPONENTS

1

CHOOSE AN ALLEGRO RESPIRATOR*



9902



9911-20



9911-10

2

ALLEGRO BREATHING AIR BLOWER RESPIRATOR SYSTEM AIR FLOW ADAPTER*



9910-11EF
Includes waist belt

3

ALLEGRO BREATHING AIR BLOWER RESPIRATOR SYSTEM AIRLINE HOSE*



9100-50EF 50' Hose
9100-100EF 100' Hose

4

ALLEGRO BREATHING AIR BLOWER



9815-EF

**Note: Important to purchase specially designed components for your Allegro Breathing Air Blower Respirator System.*

REFRIGERATED AIR FOR HOT WORKING ENVIRONMENTS. DON'T COMPROMISE PRODUCTIVITY BECAUSE OF HOT WORKING CONDITIONS. ALLEGRO IS PROUD TO OFFER OUR NEW BREATHING COLD AIR RESPIRATOR SOURCE THAT PROVIDES FRESH, REFRIGERATED AIR THAT OFFERS COMFORTABLE AND SAFE OSHA COMPLIANT COOLED BREATHING AIR FOR THE NIOSH APPROVED RESPIRATORS THAT ARE INCLUDED IN OUR 1- AND 2-WORKER SYSTEMS. THIS COOLED AIR HELPS IMPROVE WORKER'S SAFETY AND COMFORT WHILE REDUCING THEIR FREQUENCY AND DURATION OF BREAKS IN HOT WORKING ENVIRONMENTS.

LOW PRESSURE BREATHING COLD AIR RESPIRATOR SYSTEMS

BREATHING COLD AIR SOURCE

Our Breathing Cold Air Source is a fresh, refrigerated air supply system which provides comfortable and safe cooled breathing air for industrial users who require an OSHA compliant fresh air supply system, with the advantages of air-conditioned air. It can maximize productivity and minimize the possibility of heat stroke, heat exhaustion, dehydration, nausea and cramps for your workers. While our Breathing Cold Air Source improve the worker's safety and comfort, it also helps reduce their frequency and duration of breaks on the job. This sealed, low maintenance unit includes a removable, washable filter and is powder coated for a longer lasting durability. The NIOSH approved respirators included in our 1- and 2-Worker low pressure systems feature an air flow valve for increased user comfort. Specs: 120V AC, 60 Hz, 10.5A. Measurements (H x D x W): 23.5" x 15" x 19.5" (59.7 cm x 38.1 cm x 49.5 cm). Weight: 76 lbs (34.5 kg).
Warning: Air inlet must be placed in clean, Grade "D" breathable air (as specified by OSHA 29 CFR 1910).



9825-EF Breathing Cold Air Source w/ EF Couplers



FULL MASK BREATHING COLD AIR RESPIRATOR SYSTEMS

Our Full Mask Breathing Cold Air Respirator Systems provide a portable cold air source for one or two respirator users. They include one or two NIOSH approved full mask supplied air respirator(s), a breathing cold air source, and one or two 100 foot breathing air hose(s). ***Includes NIOSH approved respirator(s).***



9200-01CA 1-Worker Full Mask Breathing Cold Air Respirator System w/ 100' Hose

9200-02CA 2-Worker Full Mask Breathing Cold Air Respirator System w/ 100' Hose(s)



SINGLE BIB HOOD BREATHING COLD AIR RESPIRATOR SYSTEMS

Our Single Bib Hood Breathing Cold Air Respirator Systems provide a portable cold air source for one or two workers. They include one or two NIOSH approved disposable, lightweight Tyvek® hood(s), a breathing cold air source, and one or two 100 foot breathing air hose(s). ***Includes NIOSH approved respirator(s).***



9221-01CA 1-Worker Single Bib Hood Breathing Cold Air Respirator System w/ 100' Hose

9221-02CA 2-Worker Single Bib Hood Breathing Cold Air Respirator System w/ 100' Hose(s)



DOUBLE BIB HOOD BREATHING COLD AIR RESPIRATOR SYSTEMS

Our Double Bib Hood Breathing Cold Air Respirator Systems provide a portable cold air source for one or two workers. They include one or two NIOSH approved disposable, lightweight Tyvek® hood(s), a breathing cold air source, and one or two 100 foot breathing air hose(s). ***Includes NIOSH approved respirator(s).***



9222-01CA 1-Worker Double Bib Hood Breathing Cold Air Respirator System w/ 100' Hose

9222-02CA 2-Worker Double Bib Hood Breathing Cold Air Respirator System w/ 100' Hose(s)

LOW PRESSURE RESPIRATOR MASKS & HOODS





LP Adapter w/ waist belt included

FULL MASK RESPIRATOR

Made of silicone rubber for better durability and will hold its shape even in extreme heat and cold. The double sealing flange provides an improved face-to-mask seal and a deep chin pocket provides a better, more comfortable fit. The replaceable polycarbonate lens offers a wider, distortion-free viewing area with an anti-fog, anti-scratch coating. 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. NIOSH approved. ***NIOSH approved.***

9902-EF Full Mask Respirator w/ LP Adapter





LP Adapter w/ waist belt included

SINGLE BIB MAINTENANCE FREE TYVEK® HOOD

Made of a poly-coated Tyvek® material, this hood is designed and constructed in one-piece with the downtube and head suspension completely integrated. This makes it maintenance free eliminating the need for decontamination of the breathing tube or replacement parts since the entire assembly is disposed of after use. The Tyvek® material is flexible, splash resistant and seals in the air flow. The hood features a large lens for increased visibility. ***NIOSH approved.***

9910-EF Single Bib Maintenance Free Tyvek® Hood w/ LP Adapter



LP Adapter w/ waist belt included

DOUBLE BIB MAINTENANCE FREE TYVEK® HOOD

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

9912-EF Double Bib Maintenance Free Tyvek® Hood w/ LP Adapter

BREATHING COLD AIR RESPIRATOR SYSTEM COMPONENTS

1 ***CHOOSE AN ALLEGRO RESPIRATOR****



9902



9911-20



9911-10

2 ***ALLEGRO BREATHING COLD AIR RESPIRATOR SYSTEM AIR FLOW ADAPTER****



9910-11EF
Includes waist belt

3 ***ALLEGRO BREATHING COLD AIR RESPIRATOR SYSTEM AIRLINE HOSE****



9100-50EF 50' Hose
9100-100EF 100' Hose

4 ***ALLEGRO BREATHING COLD AIR SOURCE***



9825-EF

**Note: Important to purchase specially designed components for your Allegro Breathing Cold Air Respirator System.*

HIGH PRESSURE BREATHING AIR FILTRATION PANELS AND ACCESSORIES



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 21)

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 21)

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 21)



9872-40



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

Our single outlet and single inlet inline filtration 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 21)

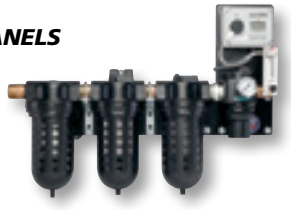
CARRY-AIR™ INLINE FILTRATION PANELS

- 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 stand 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 Filtration Panel

WALL-AIR™ INLINE FILTRATION 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 Filtration Panel w/ CO Monitor
9878-151 Wall-Air™ Inline Filtration Panel w/o CO Monitor

HIGH PRESSURE BREATHING AIR 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 Multi-Regulator Air Filtration Panel
9876-MR 6-Worker Multi-Regulator Air Filtration Panel



ONLINE VIDEO

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

	1-WORKER	***2-WORKER***	***5-WORKER***	***8+ -WORKER***
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

BREATHING AIR FILTRATION PANEL SPECS

BREATHING AIR 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.

HIGH PRESSURE BREATHING AIR FILTRATION PANELS AND ACCESSORIES



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



DELUXE 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 contaminates down to 5 microns.

- Offered in free-standing or wall-mounted configurations
- Black powdered coated steel
- The Source Pre-Filter (9350-03) includes a spring loaded relief valve made from brass and is equipped with an adjustable regulator and pressure gauge to meet the NIOSH requirement for point-of-attachment.

9350-04 Deluxe Source Pre-filter
9350-03 Source Pre-filter

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 the included 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 of our Air Filtration Panels *(Sold separately)*

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
9871-50E 50' Extension Cord



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



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

HIGH PRESSURE BREATHING AIR FILTRATION PANELS AND ACCESSORIES





BREATHING AIR FILTRATION PANEL CARTS

Our Breathing Air Filtration Panel Carts filter impurities and hydrocarbons from an air compressor to convert to breathable air. All components are housed in a portable and rugged Pelican case mounted on a powder-coated steel cart w/ telescopic handle for ease of storage and shipping. To meet OSHA requirements an optional CO monitor is available for continuous monitoring of carbon monoxide levels.

- 9874-EFC Panel provides up to 60 CFM (101.94 m^3/hr) of air within a 5-125 PSI (0.34-8.62 bar) range.
- 9878-EFC Panel provides up to 100 CFM (169.9 m^3/hr) of air within a 5-125 PSI (0.34-8.62 bar) range.

9874-EFC 4-Worker Breathing Air Filtration Panel Cart
9878-EFC 8-Worker Breathing Air Filtration Panel Cart







SAR PHARMACEUTICAL HOODS

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

Constructed from Saran-coated Tyvek®, this double-bib hood features 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



9911-29S

2 CHOOSE AN AIR CONTROL DEVICE



9990



9991



9992

3 CHOOSE THE APPROPRIATE AIRLINE HOSE



SINGLE HIGH PRESSURE AIRLINE HOSE

9101-25	25' HP Airline Hose
9101-50	50' HP Airline Hose
9101-100	100' HP Airline Hose

4 CONNECT TO ANY HIGH PRESSURE AIR SOURCE



BREATHING AIR FILTRATION PANEL

See pages 20-21

RESPIRATOR FIT TESTING



BITTER (DENATONIUM BENZOATE) AND SWEET (SACCHARIN) FIT TEST KITS

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



2041	Bitter (Denatonium Benzoate) Test Kit
2041-11K	Sensitivity solution only, 6/box
2041-12K	Test solution only, 6/box

When the sweet taste of saccharin is detected, the respirator has failed its fit test. The Sweet Fit Test Kit offers OSHA-compliant testing of disposable and reusable dust and mist respirators. Includes: a polycoated hood, sensitivity and fit test solutions, two nebulizers with labels, 2 sets of atomizers, wire cleaner, fit test documentation and instructions. Replacement solutions are in ampules.

2040	Sweet (Saccharin) Test Kit
2040-11K	Sensitivity solution only, 6/box
2040-12K	Test solution only, 6/box



DELUXE BANANA OIL KIT

Isoamyl Acetate (banana oil) offers the oldest method of testing respirator fit. Its strong, readily identifiable odor will be recognized if respirators don't obtain a proper fit. The kit contains all the equipment necessary to perform a proper fit test, including a fit test tent, jars, 1- 8 oz. jar kit, 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 1 oz. Solution



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 1 oz. 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







RESPIRATOR CLEANING WIPES POCKET PAK DISPENSER BOX

These large 5" x 8" wipes containing 70% Isopropyl Alcohol are designed specifically for rubber respirator facepieces. Packaged 20 wipes per Pocket Pak and 20 Pocket Paks per Dispenser Box.

1001-20PPD Alcohol, 20 wipes/pak, 20 paks/box



ALCOHOL FREE SAFETY EQUIPMENT CLEANING WIPES POCKET PAK DISPENSER BOX

These large 5" x 8" wipes containing Benzalkonium Chloride are designed specifically for rubber respirator facepieces and other personal safety equipment where the manufacturer recommends using a non-alcohol cleaning wipe. Will not harm even the most sensitive rubber respirator facepieces. Packaged 20 wipes per Pocket Pak and 20 Pocket Paks per Dispenser Box.

3001-20PPD Alcohol Free, 20 wipes/pak, 20 paks/box



RESPIRATOR CLEANING WIPES POCKET PAK

These large 5" x 8" wipes containing 70% Isopropyl Alcohol are designed specifically for rubber respirator facepieces. Packaged 20 wipes per Pocket Pak.

1001-20PP Alcohol, 20 wipes/pak



ALCOHOL FREE SAFETY EQUIPMENT CLEANING WIPES POCKET PAK

These large 5" x 8" wipes containing Benzalkonium Chloride are designed specifically for rubber respirator facepieces and other personal safety equipment where the manufacturer recommends using a non-alcohol cleaning wipe. Will not harm even the most sensitive rubber respirator facepieces. Packaged 20 wipes per Pocket Pak.

3001-20PP Alcohol Free, 20 wipes/pak



RESPIRATOR CLEANING WIPES POP-UP PAK

These large 5" x 8" wipes containing 70% Isopropyl Alcohol are designed specifically for rubber respirator facepieces. Packaged 200 wipes per Pop-Up Pak.

1001-200PU Alcohol, 200 wipes/pak



ALCOHOL FREE SAFETY EQUIPMENT CLEANING WIPES POP-UP PAK

These large 5" x 8" wipes containing Benzalkonium Chloride are designed specifically for rubber respirator facepieces and other personal safety equipment where the manufacturer recommends using a non-alcohol cleaning wipe. Will not harm even the most sensitive rubber respirator facepieces. Packaged 200 wipes per Pop-Up Pak.

3001-200PU Alcohol Free, 200 wipes/pak



1001 3001

ONLINE VIDEO

RESPIRATOR CLEANING PADS

These large 5" x 8" individually foil-packaged towelettes containing 70% Isopropyl Alcohol are designed specifically for rubber respirator facepieces. The box is designed as a wall mounted dispenser but can be wall mounted using the box holder (PN 1001-02) instead.

1001 100/box

ALCOHOL FREE CLEANING PADS

These large 5" x 8" individually foil-packaged towelettes containing Benzalkonium Chloride are designed specifically for rubber respirator facepieces and other personal safety equipment where the manufacturer recommends using a non-alcohol cleaning wipe. Will not harm even the most sensitive rubber respirator facepieces. The box is designed as a wall mounted dispenser but can be wall mounted using the box holder (PN 1001-02) instead.

3001 100/box

CLEANING PAD BOX HOLDER

Mounts onto wall surfaces for easy use.

1001-02







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

ONLINE VIDEO



WIPE DOWNS FOR EQUIPMENT

Easy to use 6" x 7½" 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



RESPIRATOR CLEANING



RESPIRATOR CLEANING KIT WITH DRY SOAP

Convenient cleaning and storage for full face and half mask respirators. Contains ninety ½ oz. packets of water-soluble cleaner, air bulb, 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)

ONLINE VIDEO



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, 1 Gallon
4001-05	Disposable Storage Bags, 100/pkg.



WELDING AND GRINDING

WE RECENTLY INTRODUCED AN EXTENSIVE LINE OF HIGH QUALITY WELDING AND GRINDING PRODUCTS THAT PROVIDE WORKERS WITH BETTER COMFORT, LESS FATIGUE AND IMPROVED PRODUCTIVITY. OUR EZ AIR PAPRS AND SARS ARE INTENDED FOR INDUSTRIAL APPLICATIONS WHERE RESPIRATORY, EYE AND FACE PROTECTION ARE REQUIRED. OUR LIGHTWEIGHT PORTABLE FUME EXTRACTOR IS THE MOST VERSATILE PORTABLE EXTRACTOR AVAILABLE. WE ARE COMMITTED TO OFFERING YOU THE BEST WELDING AND GRINDING PRODUCTS AND ACCESSORIES ON THE MARKET.



EZ AIR MAX POWERED AIR PURIFYING RESPIRATOR

NEW



EZ AIR MAX

Our EZ Air Max Powered Air Purifying Respirator (PAPR) is a complete particulate system intended for industrial applications where combined respiratory, eye and face protection is required. This welding helmet features a flip-up visor to expose a grind shield below that maintains respiratory protection while workers can continue grinding or inspecting welds. It is a motorized, Lithium-ion battery operated system that provides a constant supply of fresh, filtered air over the user's face. At an APF level of 25, it creates an optimal protective pressure inside the respirator head top keeping away particulates (dust, steel, manganese, stainless steel, chromium, galvanized steel, cadmium, lead and ozone*). Recommended applications are welding, assembly, facility maintenance, grinding, machine operations, painting and sanding. Suggested industries include automotive, food and beverage, pharmaceutical, general manufacturing, metal production and fabrication, military maintenance, repair and operation (MRO) and transportation. Complies with ANSI Z87.1+ and CAN/CSA Z94.3 for face-shield/eye protection. ***NIOSH approved***

Complete PAPR assembly includes:

- Welding Shield w/ ADF lens
- Downtube w/ FR cover
- Blower
- Battery
- Waist Belt
- Charger
- Flow Tester
- HEPA filter
- Storage Bag

*Always consult an industrial hygienist or safety expert to determine if APF will be acceptable for the measured concentration level of your application.

NEW



EZ AIR MAX

Complete PAPR assembly with 9904-36 ADF lens:

- Filter size: 2.36" x 3.93" (5.99 cm x 9.9 cm)
- UV/IR: Up to shade 16, permanent outer coating to protect eyes
- Battery: Solar Cells primary with digital Lithium powered backup (lasts 5–10 years)
- Switching time: 1/10,000
- Light Shade Modes: 3
- TIG rating: <5 Amps
- Grind mode: Yes



9936	EZ Air MAX PAPR Assembly
9936-E	EZ Air MAX PAPR Assembly (for International Charging)
9904-36	Replacement ADF Lens Kit

EZ AIR POWERED AIR PURIFYING RESPIRATOR

EZ AIR PAPR

Our EZ Air Powered Air Purifying Respirator (PAPR) is a complete particulate system intended for industrial applications where combined respiratory, eye and face protection is required. It is a motorized, Lithium-ion battery operated system that provides a constant supply of fresh, filtered air over the user's face. At an APF level of 25, it creates an optimal protective pressure inside the respirator head top keeping away harmful gases, vapors, particulates and fumes (dust, steel, manganese, stainless steel, chromium, galvanized steel, cadmium, lead and ozone*). Recommended applications are welding, assembly, facility maintenance, grinding, machine operations, painting and sanding. Suggested industries include automotive, food and beverage, general manufacturing, metal production and fabrication, military maintenance, repair and operation (MRO) and transportation.

Complete PAPR includes:

- Welding shield w/ Lens
- Downtube w/ FR cover
- Blower
- Waist belt
- Battery and Charger
- Flow Tester
- HEPA filter
- Storage bag

**Always consult an Industrial Hygienist or Safety Expert to determine if APF will be acceptable for the measured concentration level of your application.*

ONLINE VIDEO



AVAILABLE HEADTOP OPTIONS



EZ AIR ECONOMY PAPR

Complete PAPR assembly with 9935-X54V ADF lens:

- Filter size: 4.5" x 5.25" (11.4 cm x 13.3 cm)
- UV/IR: Up to shade 16, permanent outer coating to protect eyes
- Battery: Solar Cells primary with digital Lithium powered backup (lasts 5-10 years)
- Switching time: 1/10,000
- Light Shade Modes: 4
- TIG rating: 5 Amps
- Grind mode: Yes

9935 EZ Air Economy PAPR Assembly
9935-E EZ Air Economy PAPR Assembly (For International Charging)
9935-X54V Replacement ADF Lens Kit





EZ AIR DELUXE PAPR

Complete PAPR assembly with 9935-X81V ADF lens:

- Filter size: 4.5" x 5.25" (11.4 cm x 13.3 cm)
- UV/IR: Up to shade 16, permanent outer coating to protect eyes
- Battery: Solar Cells primary with digital Lithium powered backup (lasts 5-10 years)
- Switching time: 1/10,000
- Light Shade Modes: 3
- TIG rating: 5 Amps
- Grind mode: Yes

9935-DLX EZ Air Deluxe PAPR Assembly
9935-DLXE EZ Air Deluxe PAPR Assembly (For International Charging)
9935-X81V Replacement ADF Lens Kit



EZ AIR POWERED AIR PURIFYING RESPIRATOR

EZ AIR PAPR SYSTEM

1 CHOOSE WELDING SHIELD

NEW



9936-BH7500



9935-BHTX54V



9935-BHTX81V

2 ADD BLOWER ASSEMBLY



9935-BLW

(Shown disassembled)
Includes downtube w/ FR cover, battery, charger, belt, flow tester, HEPA filter and storage bag

3 REPLACEMENT HEPA FILTER



9935-FIL

Replacement (HEPA)

X54V AND X81V ADF LENS CHART

PART NO.	VIEWING AREA (W x H)	DARK SHADE	MAGNETIC SENSOR	WARRANTY	STANDARDS
9935-X54V	1.9" x 3.8" (4.8 cm x 9.6 cm)	5-14	No	3 years	ANSI/CSA
9935-X81V	3.2" x 3.9" (8.1 cm x 9.9 cm)	5-14	Yes "X-TIG"	3 years	ANSI/CSA

X54V ADF LENS



- Viewing area: 1.9" x 3.8" (4.8 cm x 9.6 cm)
- UV/IR: Up to shade 16, permanent outer coating to protect eyes
- Battery: Solar Cells primary with digital Lithium powered backup (lasts 5-10 years)
- Switching time: 1/10,000
- Light Shade Modes: 4
- TIG rating: 5 Amps
- Grind mode: Yes

9935-X54V Included in Economy model

X81V ADF LENS



- Viewing area: 3.2" x 3.9" (8.1 cm x 9.9 cm)
- UV/IR: Up to shade 16, permanent outer coating to protect eyes
- Battery: Solar Cells primary with digital Lithium powered backup (lasts 5-10 years)
- Switching time: 1/10,000
- Light Shade Modes: 3
- TIG rating: 5 Amps
- Grind mode: Yes

9935-X81V Included in Deluxe model

HELMET DECALS

Stand out from everyone else! With an assortment of graphics to choose from, our decal sheet allows you the opportunity to fully customize your Welding Shield to get that unique look you desire. Our helmet decals are included with every purchase of a welding helmet.





SUPPLIED AIR HELMETS



ECONOMY SUPPLIED AIR SHIELD

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

LOW PRESSURE

9903-D	w/ Low Pressure Adapter
9903	Replacement Air Shield

ACCESSORIES

9903-25	Lens Covers 10/pkg.

HIGH PRESSURE

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



DELUXE SUPPLIED AIR SHIELD / HELMET

The ultimate Personal Protective Equipment (PPE) solution for industrial manufacturing environments that demand respiratory protection from contaminates. Our Deluxe Supplied Air Shield/Helmet uniquely provides all-in-one head, eye, face and respiratory protection against hazardous airborne contaminates and flying debris. Ergonomically designed with superb balance, no fit testing required and can be worn by personnel with beards and facial hair. Complies with ANSI Z89.1 Type 1 Class G for head protection; ANSI Z87.1+ for face-shield/eye protection. APF 1000. ***NIOSH approved.***

LOW PRESSURE

9904-D	w/ Low Pressure Adapter
9904	Replacement Air Shield

ACCESSORIES

9904-25	Lens Covers 6/pkg.

HIGH PRESSURE

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



DELUXE SUPPLIED AIR SHIELD AND WELDING HELMET (BLUE)

Performance proven and a cost effective system used by foundries, aluminum plants, mines, chemical plants, refineries, auto manufacturers, metal working and fabrications. This Helmet offers protection from airborne contaminates including hexavalent chromium applications, flying debris, sparks, chemical and molten metal splashes. The helmet flips allowing user to grind and clean metal looking through clear ANSI face shield. Equipped with variable shade, auto-darkening lens, shade 9-13. ANSI certified face shield and head protection. APF 1000*. ***NIOSH approved.***



LOW PRESSURE

9904-W	w/ No Flow Valve
9904-DW	w/ LP Adapter

ACCESSORIES

9904-36	Replacement Variable Shade Lens Kit

HIGH PRESSURE

9904-CW	w/ Personal Cooler
9904-CVW	w/ Control Valve
9904-HCW	w/ Air Temperature Controller



DELUXE SUPPLIED AIR SHIELD AND WELDING HELMET (BLACK)

This is a cost effective system used by foundries, aluminum plants, mines, chemical plants, refineries, auto manufacturers, metal working and fabrications. Performance proven with a constant and powerful supply of breathable air from a clean air source, this Helmet offers protection from airborne contaminates including hexavalent chromium applications, flying debris, sparks, chemical and molten metal splashes. The helmet flips allowing user to grind and clean metal looking through clear ANSI face shield. Large #10 lens included. ANSI certified face shield and head protection. APF 1000*. ***NIOSH approved.***



LOW PRESSURE

9904-WB	w/ No Flow Valve
9904-DWB	w/ LP Adapter

ACCESSORIES

9904-35	Replacement Variable Shade Lens Kit

HIGH PRESSURE

9904-CWB	w/ Personal Cooler
9904-CVWB	w/ Control Valve
9904-HCWB	w/ Air Temperature Controller



EZ AIR MAX WELDING HELMET

Our EZ Air Max Welding Helmet w/ Grinding Shield features a flip-up visor with a grind shield below that maintains respiratory protection so workers can continue grinding or inspecting welds. Recommended applications: welding, assembly, facility maintenance, grinding, machine operations, painting and sanding. Suggested industries: automotive, food & beverage, pharmaceutical, general manufacturing, metal production & fabrication, military maintenance, repair & operation (MRO) and transportation. Complies with ANSI Z87.1+ and CAN/CSA Z94.3 for face-shield/eye protection. ***NIOSH approved.***



LOW PRESSURE

9906-W	w/ No Flow Valve
9906-DW	w/ LP Adapter

ACCESSORIES

9904-36	Replacement Variable Shade Lens Kit

HIGH PRESSURE

9906-CW	w/ Personal Cooler
9906-CVW	w/ Control Valve
9906-HCW	w/ Air Temperature Controller

SUPPLIED AIR HELMETS AND SYSTEM COMPONENTS

WELDING HELMETS SYSTEM COMPONENTS

1 CHOOSE AN ALLEGRO HOOD ASSEMBLY


9903


9904


9904-W


9904-WB

NEW


9906-W

2 CHOOSE AN AIR CONTROL DEVICE


9910-11


9990


9991


9992

3 CHOOSE THE APPROPRIATE AIRLINE HOSE



SINGLE LOW PRESSURE AIRLINE HOSE

9100-25	25' LP Airline Hose
9100-50	50' LP Airline Hose
9100-100	100' LP Airline Hose



SINGLE HIGH PRESSURE AIRLINE HOSE

9101-25B	25' HP Airline Hose
9101-50B	50' HP Airline Hose
9101-100B	100' HP Airline Hose

4 CONNECT TO ANY AIR SOURCE



LOW PRESSURE AIR SOURCE



HIGH PRESSURE AIR SOURCE

SAR REPLACEMENT VARIABLE SHADE LENS KITS

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

9904-36	Use w/ 9904-W Deluxe Supplied Air Shield and Welding Helmet (Blue Shield), and 9906-W EZ Air Max Welding Helmet
9904-35	Use w/ 9904-WB Deluxe Supplied Air Shield and Welding Helmet (Black Shield)



9904-36 ***9904-35***

SUPPLIED AIR HELMET SYSTEMS



ECONOMY SUPPLIED AIR SHIELD SYSTEM



Perfect for use with grinding, chipping, spray painting and body repair, our 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 breathing air pump and 50 feet of breathing hose(s). Complies with ANSI Z87.1-2003.

9245-01 1-Worker Shield System with 50' Hose
9245-02 2-Worker Shield System with 50' Hoses



DELUXE SUPPLIED AIR SHIELD / HELMET SYSTEM



Our Deluxe Supplied Air Shield uniquely provides all-in-one head, eye, face and respiratory protection against hazardous airborne contaminates and flying debris. It delivers a constant and plentiful supply of clean purified air. The 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 breathing air pump and 50 feet of breathing hose(s). Complies with ANSI Z87.1+.

9247-01 1-Worker Shield SAR System with 50' Hose
9247-02 2-Worker Shield SAR System with 50' Hoses



DELUXE SUPPLIED AIR SHIELD AND WELDING HELMET SYSTEM (BLUE)



Our 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 ¾ hp or 1½ hp breathing air pump and 50 feet of breathing hose(s). ANSI certified "all-in-one" system provides respiratory, head, eye and face protection. ***NIOSH approved.***

9248-01 1-Worker System with 50' Hose
9248-02 2-Worker System with 50' Hoses



DELUXE SUPPLIED AIR SHIELD AND WELDING HELMET SYSTEM (BLACK)



Our 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 from a clean air source. They include one or two shields and welding helmets, a ¾ hp or 1½ hp breathing air pump and 50 feet of breathing hose(s). ANSI certified "all-in-one" system provides respiratory, head, eye and face protection. ***NIOSH approved.***

9249-01 1-Worker System with 50' Hose
9249-02 2-Worker System with 50' Hoses



EZ AIR MAX SUPPLIED AIR WELDING HELMET SYSTEM



Our EZ Air Max Welding Helmet w/ Grinding Shield features a flip-up visor with a grind shield below that maintains respiratory protection so workers can continue grinding or inspecting welds. Recommended applications: welding, assembly, facility maintenance, grinding, machine operations, painting and sanding. Suggested industries: automotive, food & beverage, pharmaceutical, general manufacturing, metal production & fabrication, military maintenance, repair & operation (MRO) and transportation. Complies with ANSI Z87.1+ and CAN/CSA Z94.3 for face-shield/eye protection. They include one or two welding helmets w/ grinding shields, a ¾ hp or 1½ hp breathing air pump, and one or two 50 foot breathing hose(s). ***NIOSH approved.***

9250-01 1-Worker EZ Air Max System w/ 50' Hose
9250-02 2-Worker EZ Air Max System w/ 50' Hoses

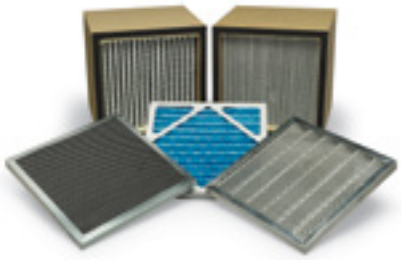
PORTABLE FUME EXTRACTOR

The most versatile portable extractor available, with high and low extraction capability for MIG, TIG, and soldering work. Designed for field work, maintenance, and production welding, this unit is lightweight, portable and easy to use. It can be equipped with a wide array of pre-filters and main filters for a variety of work, including HEPA filtration to capture and control Hexavalent Chromium. It comes equipped with a 10-foot durable extraction hose with flexible steel tube hood assembly, magnetic support base that allows for hands free operation, filter change status LED light and a built-in spark trap for fire safety. Both UL Listed and CSA approval are pending. Made in the USA.

9450 Portable Fume Extractor w/ Main Filter and Pleated Pre-filter

9450-HE Portable Fume Extractor w/ HEPA Filter and Pleated Pre-filter





FILTERS

Our filters and pre-filters are offered in six different combinations and allow maximum flexibility for varying work applications (including HEPA for Hexavalent Chromium control and 95% for carbon steel weld fumes). All filters are made in the USA.

PORTABLE FUME EXTRACTOR FILTER CHART

	PART NO.	FILTER	DESCRIPTION	EFFICIENCY RATING	DIMENSIONS & WEIGHT
	**9450-FHE**	HEPA Main Filter	The highest efficiency filter available, HEPA filters are primarily used in applications where weld fumes are most harmful. We recommend for use when welding on stainless steel, as the process emits Hexavalent Chromium.	99.97% @ .3 microns	12" x 12" x 11.5" 15 lbs.
	**9450-F95**	95% Main Filter	A highly efficient filter, 95% filters are used with effective results in most welding applications. We advise using a 95% filter when welding on carbon and galvanized steel.	95% @ 5 microns	12" x 12" x 11.5" 15 lbs.
	**9450-PF**	Pleated Pre-Filter (6/pkg)	The Allegro pre-filter is used to capture large particles of metal dust and dirt found in weld fumes, passing the smaller particles on to the main or HEPA filter. Replacing this filter as indicated by the extractors filter status light will help ensure maximum life of the main or HEPA filter.	40% @ 5 microns	11.75" x 11.75" x .75" 2 lbs.
	**9450-AM**	Specialty Aluminum Mesh Oil Pre-Filter	This pre-filter is used as an alternative to the standard pleated pre-filter (9450-PF) and is used to capture oil mist present in some weld applications. Cleaning this filter after each use will help ensure maximum life of the main or HEPA filter.	*	11.75" x 11.75" x .75" 2 lbs.
	**9450-CP**	Specialty Carbon Pleated Odor Pre-Filter	Use this filter as an alternative to the standard pleated pre-filter (9450-PF) and is used for general dust and dirt capture as well as for reducing or eliminating odors from the welding process. Replacing this filter as indicated by the extractors filter status light will help ensure maximum life of the main and HEPA filter.	*	11.75" x 11.75" x .75" 2 lbs.

**Specialty filters are not rated for efficiency.*

Meets the CSA requirements for the following product safety standards: Fans and Ventilators, C22.2 No.113

ABRASIVE BLASTING

THE NOVA SERIES IS YOUR NUMBER ONE CHOICE FOR ECONOMY ABRASIVE BLASTING HELMETS WHICH MEET SAFETY STANDARDS WORLDWIDE. RELIABLE, DURABLE AND DESIGNED TO HELP REDUCE WORKER FATIGUE, REDUCE DOWNTIME REPLACING PARTS AND INCREASE WORKER PRODUCTIVITY. BUILT TO LAST IN RUGGED ENVIRONMENTS WITH AN ABRASION RESISTANT POLYETHYLENE HELMET SHELL.



NOVA 3® BLASTING HELMET

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



NV30-00	Nova 3® Helmet w/ Flow Control Valve
NV30-00HC	Nova 3® Helmet w/ Cooler
NV30-00H	Nova 3® Helmet w/ Heater
NV37-25	Replacement Peel Offs, 50/pkg.

NOVA 2000™ BLASTING HELMET

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

NV20-00	HP Nova 2000™ Helmet w/ Flow Control Valve
NV20-00HC	HP Nova 2000™ Helmet w/ Cooler
NV20-00H	HP Nova 2000™ Helmet w/ Heater
NV20-00LP	LP Nova 2000™ Helmet w/ Constant Flow Valve
NV20-17	Replacement Peel Offs, 50/pkg.



NOVA 2000™ HELMET LOW PRESSURE SYSTEM

The Nova 2000™ is your number one choice Abrasive Blasting Helmet built for reliable, durable use and increased worker productivity. The complete One-Worker Blasting Helmet system provides a portable air source for one user. It includes a Nova helmet, ¾ HP pump and 50' of airline hose.

9285-01	1-Worker Blasting Helmet System w/ 50' Hose

WARNING: Do NOT use Silica sand as an abrasive medium. The use of Silica sand can cause serious respiratory disease or death. (OSHA reference: https://www.osha.gov/silica/)

ABRASIVE BLASTING HELMETS AND FILTER

ABRASIVE BLASTING HELMETS SYSTEM COMPONENTS

1 CHOOSE A HELMET ASSEMBLY


NV20-00


NV30-00

2 CHOOSE AN AIR CONTROL DEVICE


2015


NV20-16


4000-01


4000-20

3 CHOOSE THE APPROPRIATE AIRLINE HOSE


LOW PRESSURE AIRLINE HOSE

2035 50' LP Airline Hose
2036 100' LP Airline Hose


HIGH PRESSURE AIRLINE HOSE

2028 25' HP Airline Hose
2029 50' HP Airline Hose

4 CONNECT TO ANY AIR SOURCE


FILTER WITH T-CONNECTION

TEMPERATURE CONTROLLER AND FLOW VALVES

AIR TEMPERATURE CONTROLLER



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

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

ADJUSTABLE FLOW CONTROL VALVE



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

NV20-16 HP Flow Control Valve w/ Belt

LOW PRESSURE FLOW ADAPTER



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

2015 LP Constant Flow Adapter w/ Belt

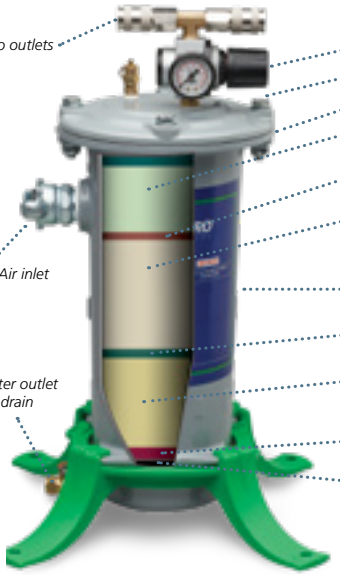
Refer to Nova 2000 and Nova 3 Matrix (above) for NIOSH approved configurations.

AIRLINE FILTER



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

3000-01



REPLACEMENT FILTER CARTRIDGES



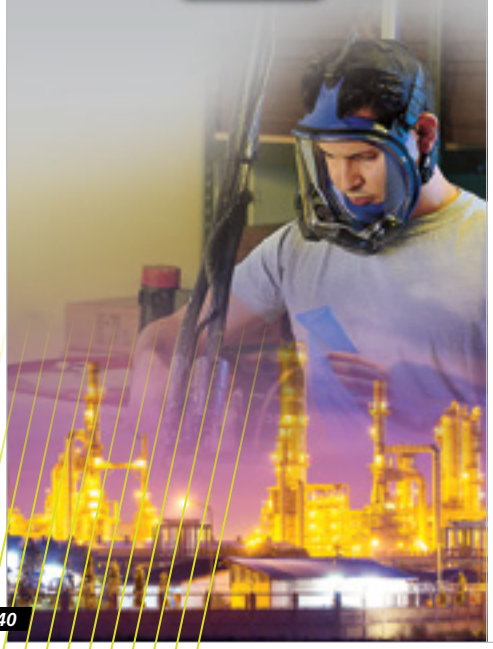
Quality Filter Cartridges provide better and longer life filtration. Universal design allows filter cartridge to fit into many filter brands on the market.

3100-02

RESPIRATOR STORAGE

OUR COMPREHENSIVE LINE OF CONVENIENT STORAGE PRODUCTS ALLOW YOUR RESPIRATOR EQUIPMENT TO LAST LONGER AND WORK MORE EFFICIENTLY. THE DEFIBRILLATOR STORAGE LINE IS DESIGNED FOR EASY AND QUICK ACCESS—ESSENTIAL TO STORING LIFE-SAVING EQUIPMENT.







DELUXE AND STANDARD WALL CASE

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

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

4100 Deluxe Wall Case
4101 Standard Wall Case





HI-VIZ HEAVY DUTY SINGLE SCBA WALL CASE

Designed for a single SCBA, this low profile wall mounted case provides protection from dust, moisture and damaging plant environments. The Roto-Molded material makes this case lightweight yet extremely rugged. The Hi-Viz safety yellow or green color makes the case easy to spot in the work environment. Two viewing windows allow easy visibility of the SCBA gauges and internal bracket and straps keep the SCBA secure. Comes standard with universal cylinder bracket. Can be mounted in a corner to reduce profile. Recyclable.

Exterior:	17"w x 14"d x 32"h
Interior:	15¾"w x 12¾"d x 28"h
Weight:	18 lbs.

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





HI-VIZ HEAVY DUTY DUAL SCBA WALL CASE

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

Exterior:	34"w x 14"d x 32"h
Interior:	31½"w x 12¾"d x 28"h
Weight:	38 lbs.

4 LDPE ***4325*** Hi-Viz Yellow
4350 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.

4550



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.

4110-15	w/ 5¼" clip
4110-16	w/ 6¾" clip
4110-17	w/ 7¼" clip
4110-18	Cover and Backboard only



SCBA and Mask Not Included

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.

4111-05	5¼" clip fits 30 min., hp
4111-06	6¾" clip fits 30 min., lp & 45 min., hp
4111-07	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



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 & 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 14"w x 16"h



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 16" x 14" 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.

2025 16"w x 14"h



DELUXE FULL MASK STORAGE BAG

This 10" diameter full mask storage bag features a durable polyester outer shell and fleece inside that 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.

2025-01 10" diameter x 12"h

DEFIBRILLATOR STORAGE



PLASTIC DEFIBRILLATOR WALL CASE

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

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



PLASTIC DEFIBRILLATOR WALL CASE WITH STROBE

This plastic defibrillator wall case features a fully sealed, water-proof strobe, powered by 9 volt battery. Also included is 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

This metal defibrillator wall case comes in a 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:	20⅛"w x 8¾"d x 20"h
Weight:	23 lbs.

4210-01



SAMPLING PRODUCTS

WORKING IN ATMOSPHERES LIKELY TO CONTAIN DANGEROUS PARTICULATES REQUIRES RELIABLE CONSTANT AIR MONITORING. NOW THE STANDARD IN THE INDUSTRY, OUR AIR SAMPLING PUMPS PROVIDE DEPENDABLE CONTINUOUS MONITORING OF MOLD, ASBESTOS, LEAD, AND OTHER PARTICULATES.



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.

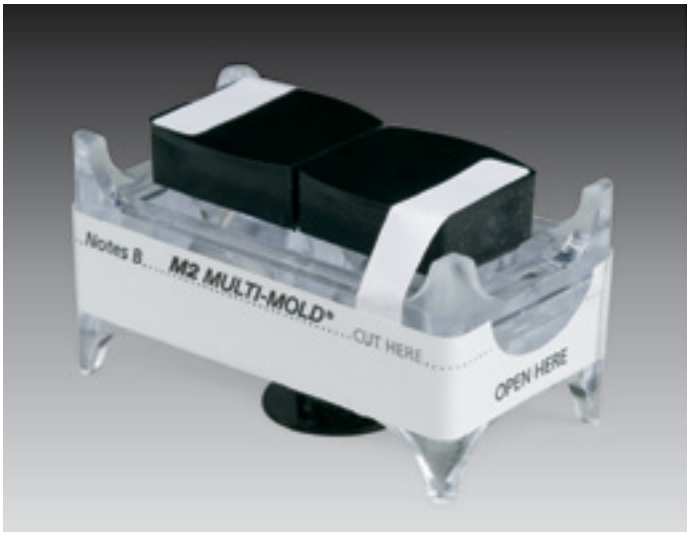
9801 T-101 Jarless Sampling Pump with stand
9801-88 T-101 Jarless Sampling Pump without stand

FLOW METER

Our 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





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

PATENTED BY ALLEGRO

ONLINE VIDEO



1 LEAD CASSETTE

This 37mm, MCE cassette is .8µm mixed cellulose ester and is specifically designed for lead sampling. *Note: Use with 9804-19 adapter*

9804-14 50/box

2 TEM CASSETTE

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.

9804-17 50/box

3 PCM CASSETTE

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

9804-16 50/box

BLOWERS

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 US HELP YOU BUILD A SYSTEM FROM THE GROUND UP OR ENHANCE YOUR CURRENT SETUP.





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.

Free Air (high speed)	760	25 lbs	¼ hp	AC: 120V AC, 60 Hz	DC: 12V

9535-08	AC with 15' ducting
9535-08L	AC with 25' ducting
9535-08DC	DC with 15' ducting
9535-08LDC	DC with 25' ducting





AIR BAG BLOWER SYSTEMS





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	AC: 120V AC, 60 Hz	DC: 12V

9535-12	AC with 15' ducting
9535-12L	AC with 25' ducting
9535-12DC	DC with 15' ducting
9535-12LDC	DC with 25' ducting

NEW

8" AND 12" AIR BAG BLOWER SYSTEMS WITH MVP

The complete Ventilation System includes everything you'll need for your confined space site.
Systems include:

- 8" or 12" Metal all-in-one Air Bag Blower
- 15' of Ducting
- Storage Bag
- 8" or 12" Manhole Ventilation Passthru (MVP)

9520-358M	8" Air Bag Blower System with 8" MVP
9520-3512M	12" Air Bag Blower System with 12" MVP

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AXIAL PLASTIC BLOWERS



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ONLINE VIDEO

8" AXIAL AC PLASTIC BLOWER

This lightweight-, corrosion-, UV- and chemical-resistant polyethylene housing offers a superior design with durable construction. This compact and super quiet unit features a polypropylene nine blade fan, a steel/powder coated grill, and carry handle that is molded into the blower. The bottom enclosure ensures safe and convenient storage of electrical components.

AC MODEL

Free Air	One 90˚ Bend	Two 90˚ Bends
831 CFM	709 CFM	586 CFM
17 lbs.	⅓ hp	115V-230V AC, 50/60 Hz

9533 8" Axial AC Plastic Blower without canister

9533-E

DC MODEL

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, a steel/powder coated grill. The bottom enclosure ensures safe and convenient storage of electrical components.

Free Air	One 90˚ Bend	Two 90˚ Bends
816 CFM	526 CFM	442 CFM
17 lbs.	¼ hp	12V DC

9536 8" Axial DC Plastic Blower without canister

EXPLOSION-PROOF MODEL

This lightweight-, corrosion-, UV- and chemical-resistant polyethylene housing offers a superior design with durable construction. This compact and super quiet unit features a polypropylene nine-blade fan, a steel/powder coated grill, and carry handle that's molded into the blower. This blower also features an electric, explosion-proof, single phase motor that is UL Listed and CSA Certified and includes a NEMA rated 115V plug for use with explosion-proof socket (sold separately). The bottom enclosure ensures safe and convenient storage of electrical components. 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.	⅓ hp	115V AC, 60 Hz

9538 8" Axial Explosion-Proof Plastic Blower without canister

9538-E

CE Complies with the relevant European product safety directives.

Blowers offered in 220V/50 Hz. Does not meet the CSA requirements for the following product safety standards: Fans and Ventilators, C22.2 No. 113. 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

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

** *Explosion-Proof Blowers require an explosion-proof socket. See page 65.*

AXIAL PLASTIC BLOWERS



8" AXIAL AC PLASTIC BLOWER WITH CANISTER & DUCTING

This versatile system features the 8" Axial 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
	⅓ hp	115V-230V AC, 50/60 Hz

9533-15 8" Axial AC Plastic Blower with compact canister and 15' ducting—25 lbs

9533-15E

9533-25 8" Axial AC Plastic Blower with compact canister and 25' ducting—30 lbs

9533-25E

9533-50 8" Axial AC Plastic Blower with canister and 50' ducting—40 lbs

9533-50E

DC MODELS

This versatile system features the 8" Axial 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.

Free Air	One 90˚ Bend	Two 90˚ Bends
816 CFM	526 CFM	442 CFM
	¼ hp	12V DC

9536-15 8" Axial DC Plastic Blower with compact canister and 15' ducting—25 lbs

9536-25 8" Axial DC Plastic Blower with compact canister and 25' ducting—30 lbs

9536-50 8" Axial DC Plastic Blower with canister and 50' ducting—38 lbs

8" AXIAL AC AND DC PLASTIC BLOWER SYSTEM WITH MVP

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 8" AC Plastic Blower System with 8" MVP

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





8" AXIAL EXPLOSION-PROOF PLASTIC BLOWER WITH CANISTER & DUCTING

This lightweight-, corrosion-, UV- and chemical-resistant polyethylene housing offers a superior design with durable construction. This compact and super quiet unit features a polypropylene nine blade fan, a steel/powder coated grill, and carry handle that's molded into the blower. This blower also features an electric, explosion-proof, single phase motor that is UL Listed and CSA Certified and includes a NEMA rated 115V plug. The bottom enclosure ensures safe and convenient storage of electrical components. The quick-connect clipping system allows workers to attach canister, tools-free, to input side for powerful extraction or output side for ventilation. 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.	⅓ hp	115V AC, 60 Hz

9538-15 8" Axial Explosion-Proof Plastic Blower with compact canister and 15' statically conductive ducting—31 lbs

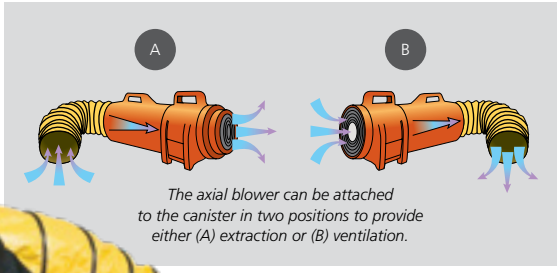
9538-15E

9538-25 8" Axial Explosion-Proof Plastic Blower with compact canister and 25' statically conductive ducting—36 lbs

9538-25E

9538-50 8" Axial Explosion-Proof Plastic Blower with canister and 50' statically conductive ducting—46 lbs

9538-50E



The axial blower can be attached to the canister in two positions to provide either (A) extraction or (B) ventilation.

AXIAL PLASTIC BLOWERS





12" AXIAL AC PLASTIC BLOWER WITH CANISTER & DUCTING

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 CFM	1004 CFM	933 CFM
28 lbs.	1 hp	115V-230V AC, 50/60 Hz

9543 12" Axial AC Plastic Blower

9543-E

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

9543-15E

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

9543-25E

12" AXIAL DC PLASTIC BLOWER WITH CANISTER & DUCTING

Designed for applications requiring larger amounts of air output, the 12" Axial DC Plastic Blower offers a ¼ hp motor with an efficient three-blade impeller in a rugged, lightweight polyethylene housing. Available as a complete system with alligator clips and storage canister with 15' or 25' of ducting. Our 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 CFM	1005 CFM	808 CFM
28 lbs.	¼ hp	12V DC

9546 12" Axial DC Plastic Blower

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

9546-25 12" Axial DC Plastic Blower with canister and 25' ducting—49 lbs





12" AXIAL EXPLOSION-PROOF PLASTIC BLOWER WITH CANISTER & DUCTING

This lightweight-, corrosion-, UV- and chemical-resistant polyethylene housing offers a superior design with durable construction. This compact and super quiet unit features a polypropylene six-blade fan, a steel/powder coated grill, and carry handle that's molded into the blower. This blower also features an electric, explosion-proof, single phase motor is UL/CSA listed and includes a NEMA rated 115V plug for use with explosion-proof socket (sold separately). The bottom enclosure ensures safe and convenient storage of electrical components. The quick-connect clipping system allows workers to attach canister, tools-free, to input side for powerful extraction or output side for ventilation. 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 CFM	1174 CFM	1014 CFM
28 lbs.	⅓ hp	120V AC, 60 Hz

9548 12" Axial Explosion-Proof Plastic Blower

9548-E

9548-15 12" Axial Explosion-Proof Plastic Blower with canister and 15' statically conductive ducting—47 lbs.

9548-15E

9548-25 12" Axial Explosion-Proof Plastic Blower and 25' statically conductive ducting—54 lbs.

9548-25E



12" AXIAL AC AND DC PLASTIC BLOWER SYSTEM WITH MVP

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 12" Axial AC Plastic Blower System with 12" MVP

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

AXIAL PLASTIC BLOWERS





16" AXIAL AC PLASTIC BLOWER WITH CANISTER & DUCTING

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 CFM	2350 CFM	2250 CFM
40 lbs.	1 hp	115V AC, 60 Hz

9553 16" Axial AC Plastic Blower

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

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

16" AXIAL DC PLASTIC BLOWER WITH CANISTER & DUCTING

Lightweight, portable and durable, this high output blower is ideally suited for large confined spaces such as paper mills, tank purging or utility sites where access to electricity might not be readily available as our DC Blowers are designed to be used with standard car or truck batteries as the source of power. "Safety orange" in color and is made from corrosion-, UV- and chemical-resistant polyethylene. This blower delivers both positive and negative airflow from a six-blade polypropylene fan. Super quiet, molded carry handle with built-in On/Off switch, and enclosed electrical components are all part of the construction and design of this blower. Available as a complete system that includes a storage canister with 15' or 25' of ducting and alligator clips.

Free Air	One 90˚ Bend	Two 90˚ Bends
2359 CFM	1666 CFM	1587 CFM
48 lbs.	½ hp	12V DC

9556 16" Axial DC Plastic Axial Blower

9556-15 16" Axial DC Plastic Blower with canister and 15' ducting—74 lbs

9556-25 16" Axial DC Plastic Blower with canister and 25' ducting—81 lbs

CE Complies with the relevant European product safety directives.

Blowers offered in 220V/50 Hz. Does not meet the CSA requirements for the following product safety standards: Fans and Ventilators, C22.2 No. 113. 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

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

** *Explosion-Proof Blowers require an explosion-proof socket. See page 65.*





16" AXIAL EXPLOSION-PROOF PLASTIC BLOWER WITH CANISTER & DUCTING

This electric, explosion-proof blower is ideally suited for large confined spaces in statically conductive environments. Its single phase motor includes a NEMA rated 115V plug for use with explosion-proof socket (sold separately). The bottom enclosure ensures safe and convenient storage of electrical components. The quick-connect clipping system allows workers to attach canister, tools-free, to input side for powerful extraction or output side for ventilation. 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. Certified to CSA Standard C22.2 No.113.

Free Air	One 90˚ Bend	Two 90˚ Bends
2849 CFM	2290 CFM	1951 CFM
52 lbs.	¾ hp	115V AC, 60 Hz

9558 16" Axial Explosion-Proof Plastic Blower

9558-15 16" Axial Explosion-Proof Plastic Blower with canister and 15' statically conductive ducting—78 lbs.

9558-25 16" Axial AExplosion-Proof Plastic Blower and 25' statically conductive ducting—85 lbs.

12" AXIAL AC AND DC PLASTIC BLOWER SYSTEM WITH MVP

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 12" Axial AC Plastic Blower System with 12" MVP

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



AXIAL INDUSTRIAL PLASTIC BLOWERS





8" AXIAL AC INDUSTRIAL PLASTIC BLOWER

This lightweight, portable single phase motor blower is ideally suited for light industrial or utility confined space applications. Super quiet, "safety orange" color, molded carry handle and enclosed electrical components with built-in On/Off switch are features that make this such a valuable blower. Stackable design allows for multiple units to be used in minimum space. Ducting can be added to both inlet and outlet side of blower for ventilation or extraction purposes.

Free Air	One 90˚ Bend	Two 90˚ Bends
865 CFM	550 CFM	350 CFM
16 lbs.	⅓ hp	115V AC, 60 Hz

9539-08

BLOWER CFM SELECTOR APP
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NEW

8" AND 12" AXIAL AC INDUSTRIAL PLASTIC BLOWER SYSTEMS WITH MVP

The complete Ventilation System includes everything you'll need for your confined space site! It includes either a 8" or 12" Axial AC Industrial Plastic Blower, 6' and 15' of Ducting with storage bag, and a 8" or 12" Manhole Ventilation Passthru (MVP).

9520-398M 8" Axial AC Industrial Plastic Blower System with 8" MVP

9520-3912M 12" Axial AC Industrial Plastic Blower System with 12" MVP

AXIAL INDUSTRIAL PLASTIC BLOWERS



12" AXIAL AC INDUSTRIAL PLASTIC BLOWER

Lightweight, portable and durable, this single phase motor 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.

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

9539-12

12" AXIAL DC INDUSTRIAL PLASTIC BLOWER

This blower delivers both positive and negative airflow and is perfect for larger confined spaces such as paper mills, tank purging or utility sites. Our DC Blowers are designed to be used with standard car or truck batteries as the source of power. Super quiet, "safety orange" color, stackable design, molded carry handle and enclosed electrical components with built-in On/Off switch are features that make this such a valuable blower.

Free Air	One 90˚ Bend	Two 90˚ Bends
1450 CFM	1075 CFM	900 CFM
19 lbs.	¼ hp	12V DC

9539-12DC

12" AXIAL EXPLOSION-PROOF INDUSTRIAL PLASTIC BLOWER

This electric, lightweight and easily portable explosion-proof blower is ideally suited for large confined spaces in statically conductive environments. Its single phase motor includes a 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. Certified to CSA Standard C22.2 No.113.*

Free Air	One 90˚ Bend	Two 90˚ Bends
1475 CFM	1300 CFM	1200 CFM
25 lbs.	⅓ hp	115V AC, 60 Hz

9539-12EX



16" AXIAL AC 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 three-blade polypropylene fan. Super quiet, molded carry handle with built-in On/Off switch, and enclosed electrical components are all part of the construction and design of this blower. Certified to CSA Standard C22.2 No.113.

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

9539-16

16" AXIAL DC 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 where access to electricity might not be readily available as our DC Blowers are designed to be used with standard car or truck batteries as the source of power. "Safety orange" in color and is made from corrosion-, UV- and chemical-resistant polyethylene. This blower delivers both positive and negative airflow from a six-blade polypropylene fan. Super quiet, molded carry handle with built-in On/Off switch, and enclosed electrical components are all part of the construction and design of this blower.

Free Air	One 90˚ Bend	Two 90˚ Bends
2359 CFM	1666 CFM	1587 CFM
48 lbs.	½ hp	12V DC

9539-16DC

16" AXIAL EXPLOSION-PROOF INDUSTRIAL PLASTIC BLOWER

This electric, explosion-proof blower is ideally suited for large confined spaces in statically conductive environments. Its single phase motor includes a 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. Certified to CSA Standard C22.2 No.113.*

Free Air	One 90˚ Bend	Two 90˚ Bends
2849 CFM	2290 CFM	1951 CFM
51 lbs.	¾ hp	115V AC, 60 Hz

9539-16EX

Meets the CSA requirements for the following product safety standards:
Fans and Ventilators, C22.2 No. 113

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 67.*
Warning: Explosion-proof blowers must be used with statically conductive ducting.

** *Explosion-Proof Blowers require an explosion-proof socket. See page 65.*



AXIAL METAL BLOWERS



8" AXIAL AC METAL BLOWER

This compact, lightweight 8" Axial Blower offers the highest output available from an AC electric motor. It is designed with tough steel construction, a durable grill, a 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 CFM	661 CFM	582 CFM
19 lbs.	⅓ hp	120V AC, 60 Hz

9513

9513-E

8" AXIAL DC METAL BLOWER

Perfect for locations where electricity is not available, this lightweight and easily portable 8" DC Axial Metal Blower may be operated off a standard car or truck battery. It features a ¼ hp, 12V DC electric motor with thermal protector and single speed performance. Alligator clips are included.

Free Air	One 90˚ Bend	Two 90˚ Bends
1150 CFM	800 CFM	650 CFM
18 lbs.	¼ hp	12V DC

9506





8" AXIAL AC METAL BLOWER WITH CANISTER & DUCTING

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 CFM	661 CFM	582 CFM
32 lbs.	⅓ hp	120V AC, 60 Hz

9514 15 ft. of ducting

9514-E 15 ft. of ducting

Free Air	One 90˚ Bend	Two 90˚ Bends
1275 CFM	661 CFM	582 CFM
46 lbs.	⅓ hp	120V AC, 60 Hz

9514-25 25 ft. of ducting

9514-25E 25 ft. of ducting

8" AXIAL DC METAL BLOWER WITH CANISTER & DUCTING

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 CFM	800 CFM	650 CFM
31 lbs.	¼ hp	12V DC

9506-01 15 ft. of ducting

Free Air	One 90˚ Bend	Two 90˚ Bends
1150 CFM	800 CFM	650 CFM
37 lbs.	¼ hp	12V DC

9506-25 25 ft. of ducting

Blowers offered in 220V/50 Hz. Does not meet the CSA requirements for the following product safety standards: Fans and Ventilators, C22.2 No. 113. 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

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

** *Explosion-Proof Blowers require an explosion-proof socket. See page 65.*

AXIAL METAL BLOWERS



8" AXIAL EXPLOSION-PROOF METAL BLOWER

This blower features an electric, explosion-proof, single phase motor that is UL listed and includes a NEMA rated 115V plug. It features 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 CFM	825 CFM	770 CFM
31 lbs.	⅓ hp	115V AC, 60 Hz

9513-05 Blower only

9513-05E

9514-05 8" Axial Explosion-Proof Blower with Canister & 15 ft. of statically conductive ducting—49 lbs.

9514-05E

9514-06 8" Axial Explosion-Proof Blower with Canister & 25 ft. of statically conductive ducting—57 lbs.

9514-06E

8" AXIAL AC AND DC METAL BLOWER SYSTEMS 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 our most popular blowers, 6 feet and 15 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 AC AND DC METAL BLOWER SYSTEM WITH MVP

9520-06M
8" DC Axial Blower System with 8" MVP

9520-14M
8" AC Axial Blower System with 8" MVP



8" AXIAL AC METAL 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 canister with 15' or 25' ducting included.

Free Air	One 90˚ Bend	Two 90˚ Bends
778 CFM	645 CFM	496 CFM
17 lbs.	⅓ hp	115V AC, 60 Hz

9534

8" AXIAL AC METAL COM-PAX-IAL BLOWER WITH CANISTER & DUCTING

This lightweight and compact COM-PAX-IAL blower is 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 CFM	645 CFM	496 CFM
	⅓ hp	115V AC, 60 Hz

9534-15 AC COM-PAX-IAL Blower with 15' Canister Assembly, 34 lbs.

9534-15C 15' Canister conversion kit (use with 9534 & 9537)

9534-25 AC COM-PAX-IAL Blower with 25' Canister Assembly, 37 lbs.

9534-25C 25' Canister conversion kit (use with 9534 & 9537)

8" AXIAL DC METAL COM-PAX-IAL BLOWER

Designed to run off a standard car or truck battery when you're on the road. A 12V DC electric motor with single speed performance is included in this lightweight and easy to store blower. It also features a cord with a handle, alligator clips, durable grill, and tough steel construction that's built to last.

Free Air	One 90˚ Bend	Two 90˚ Bends
796 CFM	667 CFM	480 CFM
16 lbs.	¼ hp	12V DC

9537

8" AXIAL DC METAL COM-PAX-IAL BLOWER WITH CANISTER & DUCTING

Designed to run off a standard car or truck battery when you're on the road. A 12V DC electric motor with single speed performance is included in this lightweight and easy to store blower. It also features a quick-connect canister with 15' or 25' ducting included that attaches quickly without tools, cord with a handle, alligator clips, Cam-lock latches, durable grill, and tough steel construction that's built to last.

Free Air	One 90˚ Bend	Two 90˚ Bends
796 CFM	667 CFM	480 CFM
31 lbs.	¼ hp	12V DC

9537-15 8" DC COM-PAX-IAL Blower with Canister & 15 ft. of ducting

Free Air	One 90˚ Bend	Two 90˚ Bends
796 CFM	667 CFM	480 CFM
36 lbs.	¼ hp	12V DC

9537-25 8" DC COM-PAX-IAL Blower with Canister & 25 ft. of ducting

AXIAL METAL BLOWERS



12" AXIAL AC STANDARD METAL BLOWER

Designed for applications requiring larger amounts of air output, the Standard 12" Axial Blower offers a ⅓ hp motor with an efficient three-blade impeller in a rugged, lightweight metal housing. Certified to CSA Standard C22.2 No.113

Free Air	One 90˚ Bend	Two 90˚ Bends
1763 CFM	1401 CFM	1227 CFM
27 lbs.	⅓ hp	120V AC, 60 Hz

9509

12" AXIAL AC HIGH OUTPUT METAL BLOWER

Designed for applications requiring larger amounts of air output, this 12" Axial High Output Blower features a ½ hp motor with efficient 3-blade impeller in a rugged, lightweight and portable metal housing. Certified to CSA Standard C22.2 No.113.

Free Air	One 90˚ Bend	Two 90˚ Bends
2202 CFM	1674 CFM	1598 CFM
40 lbs.	½ hp	115V AC, 60 Hz

9509-50

9509-50E

12" AXIAL EXPLOSION-PROOF METAL BLOWER

Designed for applications requiring larger amounts of air output, this blower offers a ⅓ hp single phase motor with an efficient three-blade impeller in a rugged, lightweight metal housing. Also included is a NEMA rated 125V plug for use with an explosion-proof socket (sold separately). Meets Class I, Division 1 and 2, Groups C & D, Class II Division 1 and 2 Groups F & G. Certified to CSA Standard C22.2 No.113.*

Free Air	One 90˚ Bend	Two 90˚ Bends
1636 CFM	1255 CFM	1156 CFM
33 lbs.	⅓ hp	115V AC, 60 Hz

9509-01

9509-01E

12" AXIAL DC METAL BLOWER

Designed for applications requiring larger amounts of air output, the DC 12" Axial Metal Blower offers a ¼ hp motor with an efficient three-blade impeller in a rugged, lightweight metal housing. Our 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 CFM	1220 CFM	1020 CFM
24 lbs.	¼ hp	12V DC

9529

Blowers offered in 220V/50 Hz. Does not meet the CSA requirements for the following product safety standards: Fans and Ventilators, C22.2 No. 113. 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

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

** *Explosion-Proof Blowers require an explosion-proof socket. See page 65.*



16" AXIAL AC STANDARD METAL BLOWER

Designed for very large confined spaces, this large 1½ hp 16" Standard Axial Metal Blower delivers high output for drawing or pushing air. The durable and tough metal housing holds a six-blade impeller.

Free Air	One 90˚ Bend	Two 90˚ Bends
3400 CFM	2800 CFM	2300 CFM
47 lbs.	½ hp	115V AC, 60 Hz

9515

9515-E

16" AXIAL DC STANDARD METAL BLOWER

Designed for applications requiring a large amount of output. This DC Standard Metal Blower features a ½ hp motor with an efficient six-blade impeller in a rugged metal housing with handles on each side for easy portability. Our 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
2929 CFM	1981 CFM	1762 CFM
54 lbs.	½ hp	12V DC

9515-DC

16" AXIAL AC HIGH OUTPUT METAL 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 CFM	4950 CFM	4400 CFM
74 lbs.	2 hp	115V-230V AC, 60 Hz

9516

16" AXIAL EXPLOSION-PROOF METAL BLOWER

Designed for use in applications requiring a large amount of output in a hazardous location environment. Our 16" Axial Explosion-Proof Metal Blower is offered with a ½ hp single phase motor and an efficient six-blade impeller fan in a rugged metal housing. Also included is a NEMA rated 115V plug to be used with an explosion-proof socket (sold separately). Meets Class I, Division 1 and 2, Groups C & D, Class II Division 1 and 2 Groups F & G. Certified to CSA Standard C22.2 No.113.*

Free Air	One 90˚ Bend	Two 90˚ Bends
2900 CFM	1800 CFM	1750 CFM
67 lbs.	½ hp	115V-230V AC, 60 Hz

9515-01

16" AXIAL EXPLOSION-PROOF HIGH OUTPUT METAL BLOWER

Designed for applications requiring a maximum amount of output. The housing is made from 16 gauge cold rolled steel and powder coated in a "safety orange" color and holds a three-blade impeller. Powered by a 1½ hp, 3450 RPM UL Listed, IECex/ATEX/INMETRO certified motor. It also includes a 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
4839 CFM	2942 CFM	2926 CFM
62 lbs.	1½ hp	115V-230V AC, 50/60 Hz

9515-50EX

9515-50EXE

AXIAL METAL BLOWERS



20" AXIAL AC STANDARD METAL BLOWER

Designed for applications requiring a maximum amount of output. Housing is made from 16 gauge cold rolled steel and powder coated in a "safety orange" color that holds a three-blade impeller. It features an interchangeable flange for intake or exhaust mounting, integrated carry handles for easy transport, a steel/zinc plated grill and 4 rubber feet. UL Listed. Certified to CSA Standard C22.2 No.113.

Free Air	One 90˚ Bend	Two 90˚ Bends
4650 CFM	3150 CFM	2950 CFM
56 lbs.	½ hp	115V AC, 60 Hz

9525

9525-E

20" AXIAL AC HIGH OUTPUT METAL BLOWER

Designed for applications requiring a maximum amount of output. Housing is made from 16 gauge cold rolled steel and powder coated in a "safety orange" color that holds a four-blade impeller. It features an interchangeable flange for intake or exhaust mounting, integrated carry handles for easy transport, a steel/zinc plated grill and 4 rubber feet. UL Listed. Certified to CSA Standard C22.2 No.113.

Free Air	One 90˚ Bend	Two 90˚ Bends
7500 CFM	6700 CFM	6130 CFM
83 lbs.	2 hp	115V-230V AC, 60 Hz

9525-50

20" AXIAL EXPLOSION-PROOF METAL BLOWER

Designed for use in applications requiring a large amount of output in a hazardous location environment. Our 20" Axial Explosion-Proof Metal Blower is offered with a ½ hp single phase motor and an efficient three-blade impeller fan in a rugged metal housing. Also included is a NEMA rated 115V plug to be used with an explosion-proof socket (sold separately). Meets Class I, Division 1 and 2, Groups C & D, Class II Division 1 and 2 Groups F & G. UL Listed. Certified to CSA Standard C22.2 No.113.*

Free Air	One 90˚ Bend	Two 90˚ Bends
4650 CFM	3150 CFM	2950 CFM
75 lbs.	½ hp	115V-230V AC, 60 Hz

9525-01

9525-01E

20" AXIAL EXPLOSION-PROOF HIGH OUTPUT METAL BLOWER

Designed for applications requiring a maximum amount of output. The housing is made from 16 gauge cold rolled steel and powder coated in a "safety orange" color and holds a three-blade impeller. Powered by a 1½ hp, 3450 RPM UL Listed, IECex/ATEX/INMETRO certified motor. It also includes a 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 CFM	5268 CFM	4829 CFM
71 lbs.	1½ hp	115V-230V AC, 50/60 Hz

9525-50EX

9525-50EXE



26" AXIAL AC STANDARD METAL BLOWER

Designed for applications requiring a maximum amount of output as this 26" Axial Standard Metal Blower offers the highest output of any of our ventilation blowers. Housing is made from 16 gauge cold rolled steel and powder coated in a "safety orange" color that holds a three-blade impeller. It features an interchangeable flange for intake or exhaust mounting, integrated carry handles for easy transport, a steel/zinc plated grill and 4 rubber feet.

Free Air	One 90˚ Bend	Two 90˚ Bends
9570 CFM	8610 CFM	7750 CFM
105 lbs.	2 hp	115V AC, 60 Hz

9530

NEW

12" AXIAL AC STANDARD METAL BLOWER SYSTEMS WITH MVP

The complete Ventilation System includes everything you'll need for your confined space site! It includes 12" Axial AC Standard Metal Blower Blower, 6' and 15' of ducting with storage bag, and a 12" Manhole Ventilation Passthru (MVP).

9520-09M
12" Axial AC Standard Metal Blower System 12" MVP



CENTRIFUGAL BLOWERS



CENTRIFUGAL STANDARD BLOWER

Excellent for most ventilating confined spaces. Designed with a tough, lightweight 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 ⅓ hp motor is cage enclosed for protection. It also includes On/Off switch and built-in carry handle for increased portability. Works great with generators. Air delivery certified CEESI. Certified to CSA Standard C22.2 No. 113.

ONLINE VIDEO

Free Air	One 90˚ Bend	Two 90˚ Bends
1066 CFM	839 CFM	745 CFM
38 lbs.	⅓ hp	115V AC, 60 Hz

9504

CENTRIFUGAL HIGH OUTPUT BLOWER

Designed for larger confined space environments that require faster purge times. Its tough, lightweight polyethylene housing offers durability while the metal safeguards and steel fan offer greater safety. Two 8" ports offer positive ventilation or fume extraction, and the metal base with feet offers greater stability. The electric ¾ hp motor offers a higher CFM output and is cage-enclosed for protection. It also includes an On/Off switch and built-in carry handle for increased portability. Certified to CSA Standard C22.2 No. 113.

Free Air	One 90˚ Bend	Two 90˚ Bends
1570 CFM	1100 CFM	900 CFM
45 lbs.	¾ hp	115V-230V AC, 60 Hz

9504-50

9504-50E



CENTRIFUGAL 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 inline GFI and steel base for safety.

Low Speed

Free Air	One 90˚ Bend	Two 90˚ Bends
760 CFM	500 CFM	360 CFM
64 lbs.	¾ hp	115V AC, 60 Hz

High Speed

Free Air	One 90˚ Bend	Two 90˚ Bends
1850 CFM	1050 CFM	800 CFM
64 lbs.	¾ hp	115V AC, 60 Hz

9507



CENTRIFUGAL HEAVY DUTY BLOWER

High performance and durability are built into this Heavy Duty Blower. Its large 1½ 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 CFM	1200 CFM	960 CFM
61 lbs.	1½ hp	115V-230V AC, 60 Hz

9502



CENTRIFUGAL HEAVY DUTY EXPLOSION-PROOF BLOWER

This blower features an electric, explosion-proof, single phase motor that is UL Listed and CSA Certified and includes a NEMA rated 115V plug for use with explosion-proof socket (sold separately). Its ABS housing provides non-sparking safety and with a smart compact design, it allows for easy use and storage without sacrificing airflow. 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
1570 CFM	1100 CFM	900 CFM
76 lbs.	¾ hp	115V-230V AC, 60 Hz

9503

9503-E

Blowers offered in 220V/50 Hz. Does not meet the CSA requirements for the following product safety standards: Fans and Ventilators, C22.2 No. 113. 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

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

** *Explosion-Proof Blowers require an explosion-proof socket. See page 65.*

CENTRIFUGAL BLOWERS



CENTRIFUGAL GAS BLOWER (BRIGGS & STRATTON)

Perfect for remote locations where electricity is unavailable, this gasoline-powered, 5 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. 3.2 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
1390 CFM	1152 CFM	1079 CFM
62 lbs.	5 hp Briggs & Stratton	

9505



CENTRIFUGAL GAS BLOWER (HONDA)

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

Free Air	One 90˚ Bend	Two 90˚ Bends
750-1600 CFM	500-1200 CFM	450-1000 CFM
58 lbs.	3.5 hp Honda (four stroke)	

9505-50



CENTRIFUGAL 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 CFM	1350 CFM	900 CFM
43 lbs.		

9508



CENTRIFUGAL STANDARD BLOWER SYSTEM WITH MVP

Our Complete Ventilation Systems include all the most requested equipment you need for your confined space site. The systems include your choice of our most popular Centrifugal Blowers, 6' & 15' 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 8" AC Standard Blower System w/ MVP (9504 Blower)

9520-50M 8" High Output Blower System w/ MVP (9504-50 Blower)

9520-05M 8" Briggs & Stratton Gas Blower System w/ MVP (9505 Blower)

9520-07M 8" 2-Speed Blower System w/ MVP (9507 Blower)

9520-03M 8" Heavy Duty Explosion-Proof Blower System w /MVP (9503 Blower)

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

AXIAL BOOSTER PLASTIC BLOWERS





8" AND 12" AXIAL AC INLINE BOOSTER PLASTIC BLOWERS

Designed for use when there is a need to run long lengths of ventilation ducting while maintaining a high CFM. Ducting is attached to both the intake and exhaust ends of the blower and multiple blowers can be placed in a series to achieve positive or negative ventilation. These lightweight, portable single phase motor blowers are ideally suited for industrial or utility confined space applications. These "safety orange" blowers feature super quiet performance, molded carry handles, stackable with built in On/Off switches, as well as enclosed electrical components. Certified to CSA STE C22.2 No 113 Air Delivery certified CEESI.

9539-08I

9539-12I



12" AXIAL EXPLOSION-PROOF INLINE BOOSTER PLASTIC BLOWER

Designed for use when there is a need to run long lengths of statically conductive ducting while maintaining a high CFM. Statically conductive ducting is attached to both the intake and exhaust ends of the explosion-proof blower and multiple blowers can be placed in a series to achieve positive or negative ventilation. This electric, lightweight and easily portable explosion-proof blower is ideally suited for large confined spaces in statically conductive environments. Its single phase motor includes a 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.

9539-12EXI

Meets the CSA requirements for the following product safety standards:
Fans and Ventilators, C22.2 No. 113

CARPET BLOWERS



THREE SPEED CARPET DRYER BLOWER

Designed for speed drying of wet carpets, pads, floors and walls. Lightweight, plastic blue housing that holds a Squirrel Cage fan and is stackable for convenient storage. The integrated carry handle allows for easy transport. Flat outlet allows blower to be directed under carpets. UL Listed. Certified to CSA STD C22.2 No 113.

Dimension:	20"w x 17"d x 20"h	
Weight:	28 lbs	
Power Supply:	½ hp	115V AC, 60 Hz

9519-03

9519-03E

Blowers offered in 220V/50 Hz. Does not meet the CSA requirements for the following product safety standards: Fans and Ventilators, C22.2 No. 113. 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.



VENTURI BLOWERS

OUR VENTURI BLOWERS ARE A PERFECT SOLUTION TO MOVING AIR IN REFINERIES, UTILITY AND POWER PLANTS, SHIPYARDS, PAPER AND PULP PLANTS, MARINE AND STEEL INDUSTRIES, 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
- Static ground wire is attached to the base of all blowers (for use in hazardous locations)
- Single piece cast aluminum inlet housing



SPECIFICATIONS

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

VENTURI BLOWERS

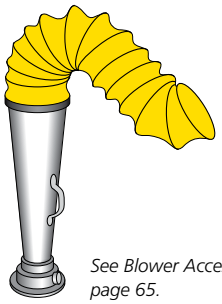
AIR FLOW				
		Inlet Pressure		
		60 PSIG	80 PSIG	100 PSIG
Part Nos.		**TOTAL AIR FLOW:**		
9518-03S	**9518-13S**	865 CFM	1080 CFM	1205 CFM
9518-03	**9518-13**	1135 CFM	1310 CFM	1465 CFM
9518-06	**9518-16**	2560 CFM	3020 CFM	3700 CFM
9518-08	**9518-18**	4215 CFM	4810 CFM	5435 CFM
9518-10		6180 CFM	7305 CFM	8220 CFM
		AIR CONSUMED:		
9518-03S	**9518-13S**	30 SCFM	40 SCFM	50 SCFM
9518-03	**9518-13**	30 SCFM	40 SCFM	50 SCFM
9518-06	**9518-16**	60 SCFM	80 SCFM	100 SCFM
9518-08	**9518-18**	110 SCFM	140 SCFM	180 SCFM
9518-10		190 SCFM	250 SCFM	380 SCFM
		FREE AIR INDUCTION RATIOS: (Air Flow divided by Air Consumed)		
9518-03S	**9518-13S**	28.83	27.00	24.10
9518-03	**9518-13**	37.83	32.75	29.30
9518-06	**9518-16**	42.67	37.75	37.00
9518-08	**9518-18**	38.32	34.36	30.19
9518-10		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 65.

ACCESSORY PART NUMBERS

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

DUCTING PART NUMBERS

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

PNEUMATIC BLOWERS



20" JET FAN

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 ¾" side mount inlet connector and fan is spark resistant. Easy to transport with recessed handles or it can be rolled. 9⅞"h x 24¾" diameter.

9518-20



24" JET FAN

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 80 psig quickly and efficiently. This heavy duty aluminum fans can be used as a blower or exhaust by simply reverse mounting. Added features include ¾" side mount inlet connector, heavy duty ball bearings permanently lubricated and sealed for the life of the fan and a spark resistant unit. Easy to transport with recessed handles or it can be rolled. 11¾"h x 32¾" diameter.

9518-24

CFM AT GIVEN STATIC PRESSURE (IN WG)							
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



MANHOLE VENTILATION PASSTHRU



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, heat resistant up to 180° F, meets ASTM 227 specs and is UL 94V-0 flame retardant. The manhole cover fits into a flat channel corner for stabilization. Compact, lightweight and made from Linear Low Density Polyethylene (LLDPE), this unit is easy to store and ships in one small carton. Recyclable.

PATENTED BY ALLEGRO

9510-50 Manhole Ventilation Passthru (MVP)
9510-55 Manhole Ventilation Passthru (MVP) with 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, heat resistant up to 180° F, meets ASTM 227 specs and is UL 94V-0 flame retardant. 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.

PATENTED BY ALLEGRO

9510-60 Manhole Ventilation Passthru (MVP)
9510-65 Manhole Ventilation Passthru (MVP) with 15' ducting





BLOWER ACCESSORIES

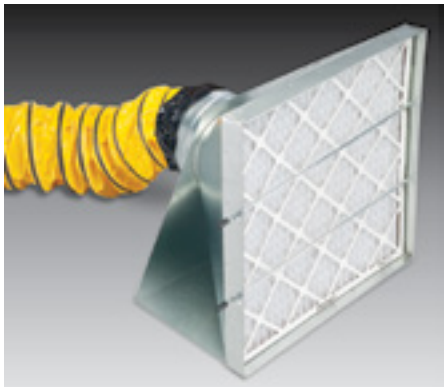




ADAPTER REDUCER

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



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



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 to 221° F (-40° C to 105° 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. Weighs 15.5 lbs.
**Do not use where electrically conductive dusts are present (most coal dust is not electrically conductive).*

9540-50EX	110V
9540-60EX	220V



STANDARD EXTENSION CORD

This 50' yellow extra heavy duty cord powers 15 AMP, 120V. Weather resistant at temperature range of -40° F to 140° F (-40° C to 60° C). Includes rugged and durable clear molded plugs. Meets OSHA specifications and UL listed. Weighs 13 lbs.

9540-50

DUCTING



Statically conductive ducting is black.

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 ducting 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	**9500-06**	**9550-06**			
15 feet	**9500-15**	**9550-15**	**9600-15**	**9650-15**	**9700-15**
25 feet	**9500-25**	**9550-25**	**9600-25**	**9650-25**	**9700-25**

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 ducting 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	**9500-15EX**	**9550-15EX**	**9600-15EX**	**9650-15EX**
25 feet	**9500-25EX**	**9550-25EX**	**9600-25EX**	**9650-25EX**



PLASTIC DUCTING STORAGE CANISTERS

Constructed from Linear Low Density Polyethylene (LLDPE), this lightweight canister holds 25' of either 8" or 12" ducting. Transporting this canister is made easy with the molded-in carry handle. A secured lid with strap and side release plastic buckle are additional design features to this convenient storage canister.

9500-55 8" Plastic Ducting Storage Canister
9550-55 12" Plastic Ducting Storage Canister

DUCT STORAGE BAG



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

9500-45 8" Ducting
9600-45 12", 16" or 20" Ducting



STO-SACK

This lightweight self-storage bag with attached ducting is designed for convenient storage and easy transport of ducting. Different diameters and lengths of ducting available. The bag features flame retardant materials, a fastening belt to attach directly to blower, a drawstring closure to store ducting in bag and a built-in carry handle. The ducting is ideal for moving large volumes of air, smoke or fumes using portable and temporary ventilation blowers under positive pressure. Made of single-ply, PVC coated, flame retardant vinyl and polyester materials. Temperature Range: -20° F to 180° F (-28.8° C to 82.22° C). Ducting is retractable, non-collapsible design with Class 1 hard drawn spring steel wire helix and includes a fastening cuff to attach bag to blower. Yellow color with black weather-strip. Meets ASTM 227 specifications.

9500-15SB 8" x 15' Ducting
9500-15EXSB 8" x 15' Statically Conductive Ducting
9500-25SB 8" x 25' Ducting
9500-25EXSB 8" x 25' Statically Conductive Ducting
9550-15SB 12" x 15' Ducting
9550-15EXSB 12" x 15' Statically Conductive Ducting
9550-25SB 12" x 25' Ducting
9550-25EXSB 12" x 25' Statically Conductive Ducting



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

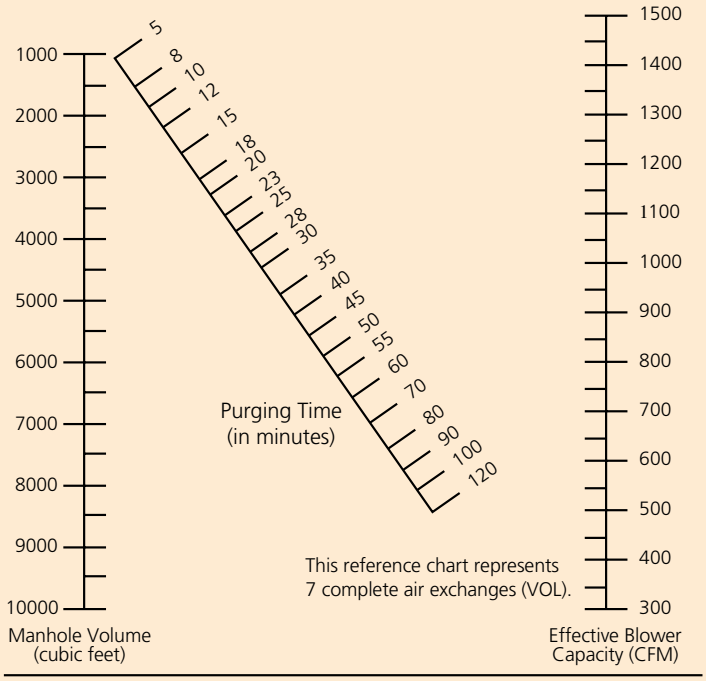
**Take into account 90° bends of ducting. See specifications under each blower description.*

VENTILATION NOMOGRAPH

BLOWER CFM SELECTOR APP — DOWNLOAD IT TODAY

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, 9509-01, 9513-05, 9514-05, 9514-06, 9515-01, 9515-50EX, 9525-01, 9525-50EX, 9538, 9538-15, 9538-25, 9538-50, 9539-12EX, 9539-12EXI, 9548, 9548-15, 9548-25, 9558, 9558-15, 9558-25 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.

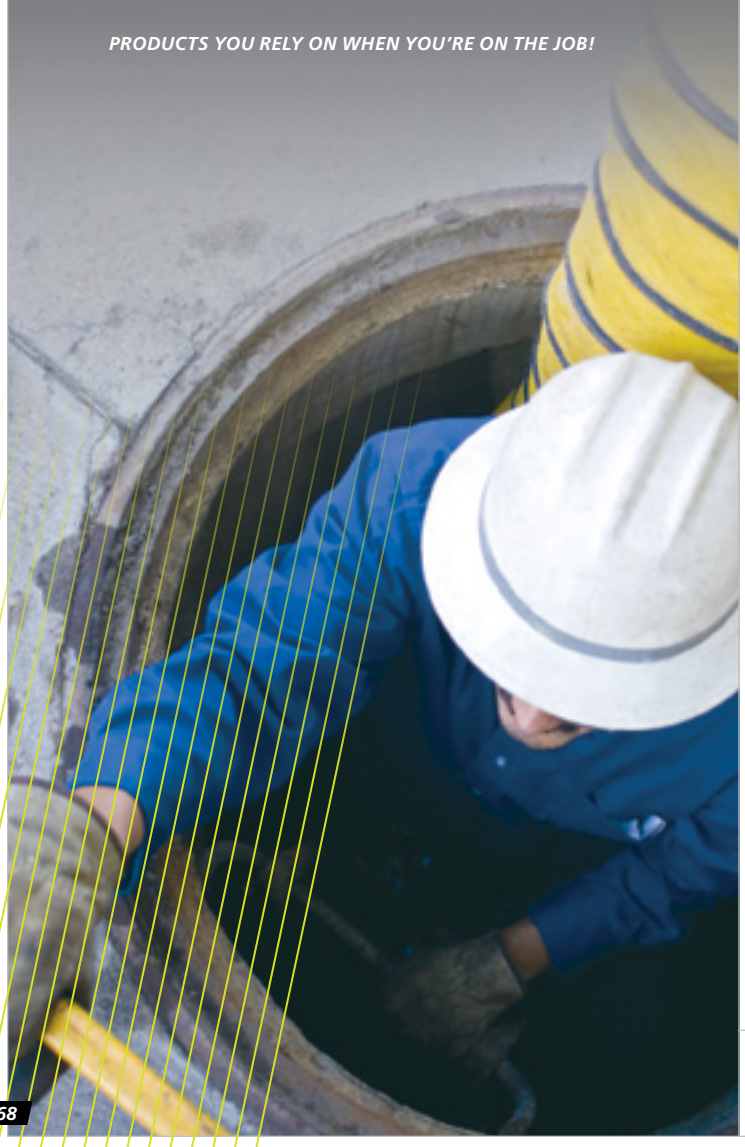
TYPICAL CLASS III LOCATIONS

- 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.*

CONFINED SPACE

CONSTRUCTED TO THE HIGHEST STANDARDS FOR DURABILITY AND EASE OF USE, YOU'LL FIND OUR LINE OF CONFINED SPACE SUPPORT EQUIPMENT STANDS UP TO THE ELEMENTS IN THE HARSHEST CONDITIONS. ALONG WITH THE EXPANDED AND INNOVATIVE WORK TENT OFFERINGS AND DEWATERING PUMPS, ARE A VARIETY OF TOOLS AND ACCESSORIES DESIGNED TO PERFORM FOR YOU YEAR AFTER YEAR. WE TAKE PRIDE IN OFFERING QUALITY PRODUCTS YOU RELY ON WHEN YOU'RE ON THE JOB!





ONLINE VIDEO

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

Meets the CSA requirements for the following product safety standards:
Fans and Ventilators, C22.2 No. 113

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

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" in diameter. Offered with a 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

ONLINE VIDEO



**See spec sheets for flat and round item lifting weights.*







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

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

ONLINE VIDEO



LID LIFTER ACCESSORIES



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)*

**See spec sheets for flat and round item lifting weights.*



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 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





STORM GRATE LIFTING ADAPTER
Three hooks for easy lifting and moving rectangular storm grates.

9401-30



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 (⅜"diameter, ⅜" pin., 13⁄16" spread) and threaded connector (⅜"diameter, 2 7⁄16"l x ¾"w).

9401-32





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

CONFINED SPACE ACCESSORIES

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

ONLINE VIDEO



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-outrigger 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

ONLINE VIDEO

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 ½" x 35' nylon braided rope is strong and durable. Guard rail not included.

WARNING: Not for use as a personal retrieval device.

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



MANHOLE SAFETY CROSS

The Manhole Safety Cross is a two bar system that interlocks in the center to reduce the manhole opening size minimizing the chance of falling into the manhole. This unique safety device installs in seconds, stores easily and causes zero damage to the manhole or street. For added safety, each bar is labeled with warning stickers and numbered for easy installation. Available in fixed and adjustable size options.

9406-24A Adjustable Small Manhole Safety Cross (fits 18", 21" and 24" manhole openings)
9406-36A Adjustable Large Manhole Safety Cross (fits 26", 30" and 36" manhole openings)
9406-24 24" Fixed Manhole Safety Cross
9406-30 30" Fixed Manhole Safety Cross



ONLINE VIDEO

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



ONLINE VIDEO

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



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

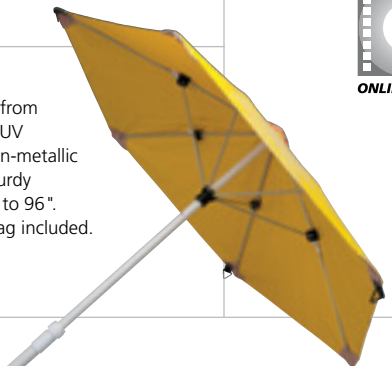
ONLINE VIDEO



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



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

DEWATERING PUMPS

AC DEWATERING AND SLUDGE PUMPS

Portable, submergible 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 ½". ½ 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





PUMP DISCHARGE HOSE

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

9404-50

PART NUMBER	MODEL	SPECIFICATIONS: DISCHARGE BORE INCH	MOTOR OUTPUT HP	PHASE	TOTAL HEAD* (MAX.) FT.	CAPACITY (MAX.) GAL/MIN	RATED CURRENT-AMPS	STARTING METHOD	WEIGHT	DIMENSIONS INCHES: LENGTH OF CABLE FT.	DIAMETER	HEIGHT	C.W.L.* INCH
9404-02	Standard Pump	2	⅔	Single	39½	63½	5.4	Capacitor	21	32	7⅜	12	2
9404-04	Sludge Pump	2	½	Single	39	50	5.1	Capacitor	25	20	9½	13⅜	3½

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

** Total Head — Maximum depth pump may be submerged.*
** C.W.L. — Continuous Running Water Level*

ERGONOMICS

WE OFFER 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 DELUXE SPANBAK® OFFERS DUAL SIDE CLOSURE PROVIDING ABDOMINAL SUPPORT AND COMFORT. AS ALWAYS, WE COMBINE THE HIGHEST QUALITY MATRIALS AND DESIGN ENGINEERING FOR OUR OTHER BACK, WRIST, ELBOW AND KNEE SUPPORTS.



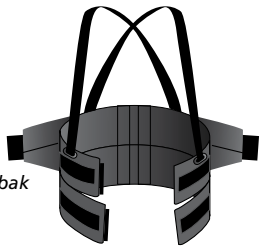


FLEXBAK®

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

PATENTED BY ALLEGRO

		Flexbak
Small	26" to 36"	**7115-01**
Medium	36" to 48"	**7115-02**
Large	48" to 58"	**7115-03**
X Large	58" to 68"	**7115-04**



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"	**7190-01**
Medium	37" to 40"	**7190-02**
Large	41" to 44"	**7190-03**
X Large	45" to 48"	**7190-04**
XX Large	49" to 54"	**7190-05**



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"	**7195-01**
Medium	36" to 40"	**7195-02**
Large	40" to 44"	**7195-03**
X Large	44" to 48"	**7195-04**
XX Large	48" to 54"	**7195-05**



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"	**7160-01**
Medium	36" to 48"	**7160-02**
Large	48" to 58"	**7160-03**
X Large	58" to 68"	**7160-04**

BACK SUPPORT



ALL FIT BACK SUPPORT

High performance 9 ½" 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"	***7170***



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"	***7176-01***
Medium	32" to 38"	***7176-02***
Large	38" to 47"	***7176-03***
X Large	47" to 56"	***7176-04***



ECONOMY HI-VIZ

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

Small	26" to 32"	***7178-01***
Medium	32" to 38"	***7178-02***
Large	38" to 47"	***7178-03***
X Large	47" to 56"	***7178-04***



LIFTBAK

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

Small	26" to 36"	***7130-01***
Medium	36" to 48"	***7130-02***
Large	48" to 58"	***7130-03***
X Large	58" to 68"	***7130-04***



BACK SUPPORT REUSABLE BAG

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



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.

Small	**7212-01**
Medium	**7212-02**
Large	**7212-03**
X Large	**7212-04**



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)	**7211**
With Thumb, Black (Ea.)	**7211-03**



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)	**7104**



FLEXRIST®

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

	Black
Regular	**7111-01**
X Large	**7111-02**



THIN FLEXRIST

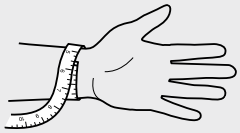
Same great features as Flexrist, but slightly thinner to fit easily into work gloves.

One Size - Black	**7311**



WRIST SUPPORT SIZING INFORMATION

Measure around wrist.



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 PERFECT KNEE PAD FOR YOUR JOB—FROM FLOORING AND LANDSCAPE CONTRACTORS TO ROOFERS AND UTILITY WORKERS. STRONG, LIGHTWEIGHT CONSTRUCTION MEANS YOU CAN WEAR THEM COMFORTABLY ALL DAY.



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

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

Hard poly cap design features a silica gel insert pad for maximum comfort that cushions and protects the 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



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 PVC 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



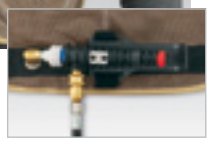
SEASONAL CLIMATE CONTROL

OUR COOLING PRODUCTS ARE DESIGNED TO PROTECT AND PROVIDE COMFORT FOR 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.









LOW PROFILE VORTEX COOLING VEST

Our 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	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

ALL COOLING PRODUCTS

ONLINE VIDEO



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
8413-03	Large	100-175 lbs	34" to 44"
8413-04	X Large	175-250 lbs	46" to 48"
8413-05	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 temperature of below 50° F. 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 a freezer or ice water (perfect for use on the job site). Delivers a constant temperature of 65° F for several hours depending on application, environmental and physiological variables. Each insert measures 6" x 14" and weighs just 16 oz. 4/pkg.

8414-11

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

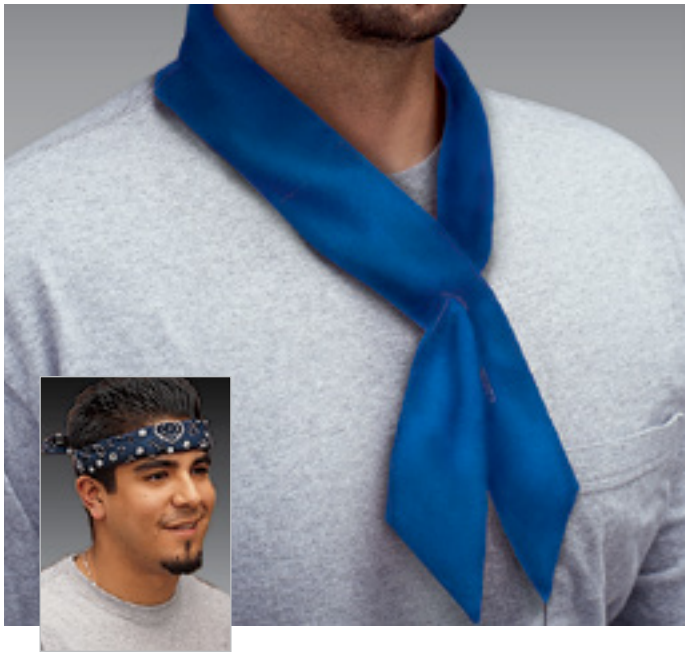


STANDARD COOLING VEST

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. Royal blue in 3 sizes, 100% cotton and hand washable.

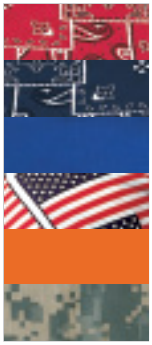
	Size	Weight	Chest
8401-03	Standard	100-175 lbs	34" to 44"
8401-04	X Large	175-250 lbs	46" to 48"
8401-05	XX Large	250 lbs +	50" to 52"

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.



8405-50	Cowboy Red
8405-51	Cowboy Blue
8405-53V	Royal Blue, Velcro
8405-53	Royal Blue
8405-54	American Flag
8405-55	Orange
8405-59	Digital Camouflage



STANDARD COOLING WRAP

Our water activated lightweight and comfortable wrap can be tied around the neck or 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 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



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



ECONOMY PONCHO COOLING VEST

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

8402



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



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

LENS CARE

OUR COMPREHENSIVE LENS CARE PRODUCT LINE PROVIDES EVERYTHING YOU NEED TO EFFECTIVELY CLEAN AND CARE FOR YOUR EYEWEAR HELPING YOU WORK SAFELY AND EFFICIENTLY. FROM PRE-MOISTENED LENS CLEANING WIPES TO LENS CLEANING STATIONS, WE ARE YOUR ONE-STOP SUPPLIER FOR ALL YOUR LENS CARE NEEDS!

NEW



0350-20PPD

0350-200PU

0350-20PP

NEW



EYEWEAR CLEANING WIPES POCKET PAK DISPENSER

These large 5" x 8" anti-fog, anti-static, and silicone-free wipes are excellent to use on glass or polycarbonate lenses. Packaged 20 wipes per Pocket Pak and 20 Pocket Paks per Dispenser Box.

0350-20PPD 20 wipes/pak, 20 paks/box

NEW



EYEWEAR CLEANING WIPES POCKET PAK

These large 5" x 8" anti-fog, anti-static, and silicone-free wipes are excellent to use on glass or polycarbonate lenses. Packaged 20 wipes per Pocket Pak.

0350-20PP 20 wipes/pak

NEW



EYEWEAR CLEANING WIPES POP-UP PAK

These large 5" x 8" anti-fog, anti-static, and silicone-free wipes are excellent to use on glass or polycarbonate lenses. Packaged 200 wipes per Pop-Up Pak.

0350-200PU 200 wipes/pak



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 2⅝"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: 3¼"w x 6½"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 5" 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 5" 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 5⅛"d x 8¼"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
0357-02 Spray Pump for 16 oz. bottle, (bottle not included)
0357-03 Bulk, 760/pack, 4¼" x 6½" tissues
0358-01 300/box, 5"x 8" tissues



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101519