Carry-Air and Wall-Air Filtration Panels™

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

	1- WORKER	2-WORKER	5-WORKER	8-WORKER
Carry-Air W/CO Monitor	9871	9872	9875	9878
Wall-Air W/CO Monitor	9871-40	9872-40	9875-40	9878-40
Carry-Air W/O CO Monitor		9872-W/O	9875-W/O	9878-W/O
Wall-Air W/O CO Monitor		9872-40 W/O	9875-40 W/O	9878-40W/O

Multi-Regulator Air Filtration Panel

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

FILTRATION PANELS	PART NO.	MAX. FLOW	MAX. INLET	DIMENSIONS	WEIGHT (LBS.)
CARRY-AIR 1-WORKER	9871	15 CFM	125 psig	16" x 13" x 7"	9
CARRY-AIR 2-WORKER	9872 Series	30 CFM	150 psig	13" x 12" x 6"	18
CARRY-AIR 4-WORKER	9874MR	60 CFM	125 psig	21" x 14 ½" x 6 ¾"	20
CARRY-AIR 5-WORKER	9875 Series	60 CFM	150 psig	21" x 14 ½" x 6 ¾"	22
CARRY-AIR 8-WORKER	9878 Series	100 CFM	150 psig	23" x 16 ½" x 7 ½"	24
WALL-AIR 1-WORKER	9871-40	15 CFM	125 psig	21 ¼" x 8 ¼" x 7 ¼"	12
WALL-AIR 2-WORKER	9872-40 Series	30 CFM	150 psig	21 ¼" x 8 ¼" x 7 ¼"	13
WALL-AIR 5-WORKER	9875-40 Series	60 CFM	150 psig	22" x 8 ½" x 7 ½"	14

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

Part No. 9874MR   4 - Worker

Part No. 9876MR   6 - Worker

Remote CO Monitor

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

Part No. 9871-02

Remote CO Alarm

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

Part No. 9871-01

Point-of-Attachment Air Control System

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

Part No. 9871-03

Source Pre-Filter

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

Part No. 9350-03

CO Monitor Calibration Test Kit

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

Part No. 9872-60
Part No. 9872-61   Calibration Span Gas
Part No. 9872-62   Calibration Zero Gas

Air-Cart

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

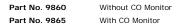|	
Part No. 9885	Low Pressure without cylinders
Part No. 9885-01	Low Pressure with two 2216 psig 30 minute cylinders
Part No. 9886	High Pressure without cylinders
Part No. 9886-01	High Pressure with two 4500 psig 60 minute cylinder
Part No. 9885-46	Low Pressure by-pass assembly
Part No. 9886-46	High Pressure by-pass assembly

Portable Compressor

Perfect for confined space applications, our Oil-Less Air Compressor provides clean, breathable air to pressure demand respirators. It is portable, oil-less, and produces no carbon monoxide, oil vapor or mist. It is available with a 2 stage filter system and can be ordered with or without a CO monitor and alarm.

COMPRESSOR SPECS							
PART NO.	**MAX NO. P.D. RESP.**	**MAX. NO. HOODS**	**AMPS/ VOLTS**	**LBS**	**HP**	**PSI**	**CFM**
9860	2	0	*15A / 115V	150	1	O-100	10-12
9865	2	0	*15A / 115V	150	1	O-100	10-12

Warning: Not to be used with constant flow respirators.
*20 AMP required for restart

Part No. 9860	Without CO Monitor
Part No. 9865	With CO Monitor

Airline Cascade Kits

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

AIRLINE CASCADE KITS			
AIRLINE CASCADE SYSTEM KITS	**PART NO.**	**DESCRIPTION**	**CONTENTS**
Low Pressure Kits without alarm:	9891-01	One-Cylinder Cascade Kit	Regulator only
	9890-02	Two-Cylinder Cascade Kit	Regulator, Tee and Pigtail
	9890-04	Four-Cylinder Cascade Kit	Regulator, 3 Tees and 3 Pigtails
Low Pressure Kits with alarm:	9892-01	One-Cylinder Cascade Kit	Regulator, Alarm
	9892-02	Two-Cylinder Cascade Kit	Regulator, Tee, Pigtail, Alarm
	9892-04	Four-Cylinder Cascade Kit	Regulator, 3 Tees, 3 Pigtails, Alarm

Part No. 9891-11	H.P. Regulator
Part No. 9891-13	H.P. Tee Connection
Part No. 9891-03	L.P. Tee Connection
Part No. 9891-18	H.P. Airline Alarm
Part No. 9891-08	L.P. Airline Alarm
Part No. 9891-17	H.P. Flexible Pigtail
Part No. 9891-07	L.P. Fleixble Pigtail
Part No. 9891-16	H.P. Rigid Pigtail
Part No. 9891-06	L.P. Rigid Pigtail
Part No. 9891-02	2-Worker Manifold
Part No. 9891-04	L.P. Check Valve
Part No. 9891-05	5-Worker Manifold

Four Worker 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 designed to remove oil, mist, water vapor abd particulates down to 0.5 micron. Made of impact and corrosion-resistant steel and equipped with an airline regulator and two outlets. Can be either wall or floor mounted. Meets OSHA regulation 1910-94 (6)(i) and 1910-94 (6)(ii) 75 CFM

Part No. 9874-WO   Four Worker Airline Filter