

Respiratory Protection

3M™ Powered and Supplied Air Respirators





Solutions for Worker Safety

As one of the world's leading suppliers of safety and protective equipment, 3M's goal is to ensure that we satisfy your needs through the provision of exceptional products, expertise, quality and service excellence.

Our global technology, manufacturing and knowledge network allow us to provide superior design, cross-over compatibility, expertise, comprehensive support and a continuously evolving range of safety solutions.

We provide solutions for work situations that require basic personal protective equipment (PPE) through to environments that call for the most sophisticated and comprehensive protection. Whether the customer is a tradesman, medium sized business, or organisation employing thousands of workers, 3M has a workplace safety solution that meets their needs.

If we can make your life and that of your workforce easier, healthier, safer and more productive we are moving in the right direction.

The 3M range of solutions for worker safety includes:

- Respiratory Protection
- Hearing Protection
- Eye Protection
- Welding Protection
- Spill Management
- Worker Visibility
- Detection & Monitoring

3M Safety brands you can trust:





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Powered and Supplied Air Respirators by 3M

Providing clean breathing air is essential when working in areas subjected to extremely hazardous contaminants.

3M has developed a comprehensive range of industry proven powered and supplied air respirators, designed and built for tough working environments. In addition to providing respiratory protection, these systems offer high levels of comfort and ease of use that can enable improved productivity in the workplace. A refreshing air supply with a combination of other protective functions allows the wearer to have respiratory protection, as well as eye, face, head and in some cases shoulder protection.

3M offers two ways for customers to purchase Powered & Supplied Air (P&SA) respirators. The option to select either a Modular or Individual System allows the user to tailor a solution to suit the particular needs of their workplace.



Four Steps to the Right Respirator

Modular Powered and Supplied Air Respirators

- 1 Identify the Hazards – dust, metal fume, gas, vapour etc.
- 2 Assess the Risk – assess the hazard levels against safety standards and consider other protection – skin, eye and ear.
- 3 Select the right Respirator – Powered or Supplied Air

3.1

Choose your headgear



Choose among a wide selection of headtops to meet the requirements of your workplace, from lightweight hoods to industrial helmets, that provide not only respiratory protection, but also eye and face protection, head protection, and optionally, hearing protection.

3.2

Choose your air source



To handle the contaminant situation at your particular workplace, you have the choice between two filtering powered air turbo systems, three supplied air regulators and multiple filter options.

3.3

Choose your breathing tube



You need a breathing tube connecting the air source with the headtop to ensure that clean air reaches the headtop reliably and with unrestricted airflow. The breathing tubes offered are compatible with all headtops and air sources.

3.4

Choose accessories



3M offers a comprehensive range of accessories to make it easy to install your individual supplied air system.

- 4 Train in fitting and use to optimise respiratory protection

Individual Systems

The respirator systems featured below can be used in a variety of workplace applications. They include the 3M™ Airstream™ Powered Air Respirators with integrated head, eye, face and respiratory protection and the 3M™ Supplied Air Stethoscope System, compatible with 3M™ half and full face masks.

3M™ Airstream™ Powered Air Respirators



3M™ Supplied Air Stethoscope System



3M™ Powerflow Plus™ Powered Air Respirators



3M™ Visionair™ Supplied Air Visor



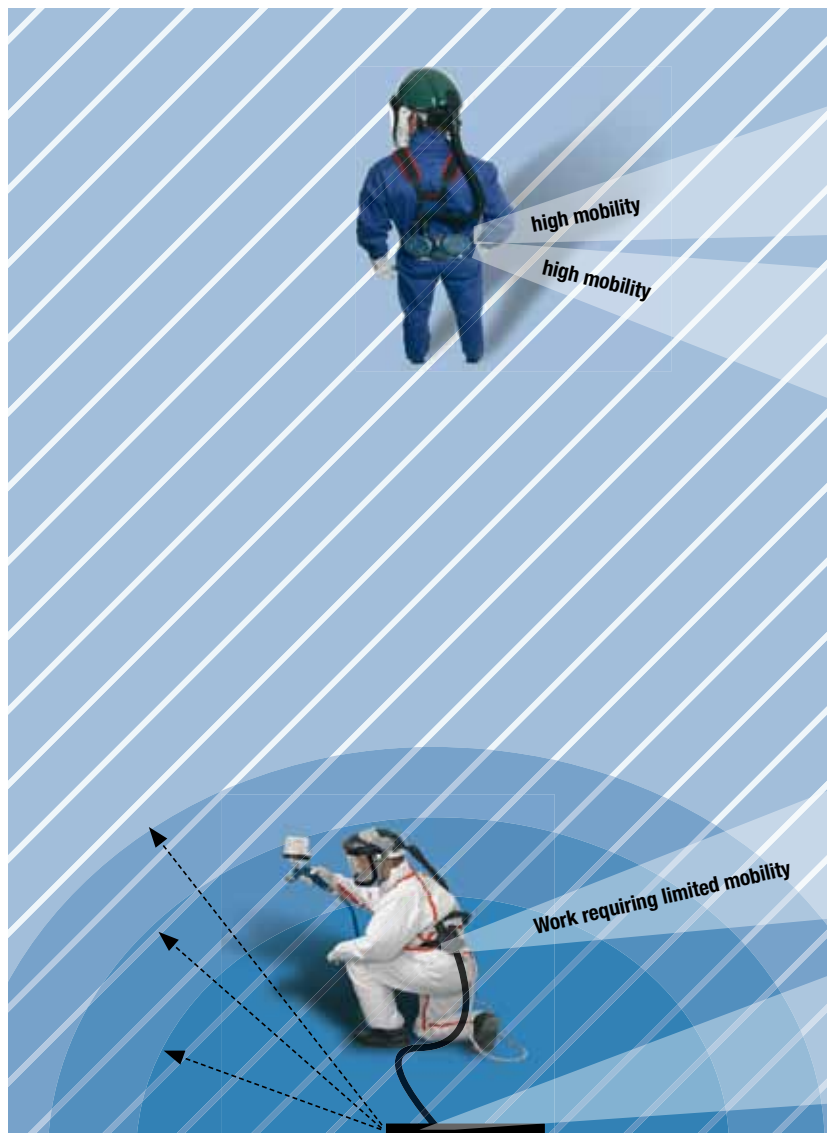
3M's team of Occupational Hygienists and Specialist Representatives are available to assist customers with the selection of the best Powered Air Purifying Respirator (PAPR) solution to meet your needs.

3M™ Powered & Supplied Air Respirators



Mobility Around the Workplace

In many situations, PAPR wearers must be able to move freely from one work area to another. 3M offers a range of PAPR solutions to suit work requiring limited mobility to situations where a high degree of mobility is necessary.



Powered Air



**3M™ Jupiter™
Powered Air Turbo**



**3M™ Dustmaster™
Powered Air Turbo**



**3M™ Airstream™
PAPR Helmet**



**3M™ Powerflow™
Turbo Unit with Full
Facepiece**

Supplied Air



**3M™ Standard
Airline™ Belt System**



**3M™ 3 Outlet
Breathing Air Panel**



**3M™ Visionair™
Supplied Air Visor**

3M™ Jupiter™ and
3M™ Dustmaster™ Powered Air Turbo
Work requiring high mobility

3M™ Airline™ and Vortex
Supplied Air Systems
Work requiring limited mobility



3M™ Powered & Supplied Air Respirators



S-Series Headcovers & Hoods

Integrated Suspension Headcovers and Hoods

Integrated head suspension models offer the advantages of being fully assembled and ready to use straight out of the box. They can be suitable for applications that require frequent replacement of the entire headtop assembly. The integrated head suspension models also feature a wide face seal with soft elastic for improved comfort and reduced noise.

For disposal, the suspension assembly and air inlet components can be quickly removed and separated for segregated waste streams, where facilities are available.

Integrated head suspension headtops are available in two adjustable sizes to comfortably fit more wearers: Small (S) and Large (L).

Common Features and Benefits for Integrated Suspension and Premium Resuable S-Series Hoods and Headcovers



Improved Visibility

Visors have excellent field of view with reduced curvature for decreased reflection and glare.

Improved Shape

Design more closely profiles the wearer's head for improved appearance compared to other designs that tend to peak.

All Day Comfort

Lightweight and loose-fitting, can be comfortably worn with prescription eyewear, safety glasses and limited facial hair.

Easier to Breathe

With powered and supplied air respirators, breathable air is supplied to the wearer, reducing the additional effort required. This increases wearer comfort at all times, but is especially important during periods of strenuous work.

Excellent Airflow

S-Series wearers benefit from excellent airflow distribution for improved comfort and lower noise.

Higher Performance/Truly Modular

All S-Series headtops connect to the current modular range of 3M™ Air Delivery Units via the 3M™ BT-Series Breathing tubes. When used with these units, the hoods and headtops meet the highest respiratory performance requirements for this type of product

Integrated suspension headcovers and hoods

3M™ Hood S-433S

3M™ Hood S-433L

Head, face, neck and shoulder coverage, as well as providing eye and face protection.

Fabric - Polypropylene laminate



3M™ Hood S-533S

3M™ Hood S533L

Similar to S-433 but with more durable, soft, quiet, low linting fabric that drapes more readily and comfortably over the wearer.

Fabric - Polyurethane coated knitted nylon



3M™ Headcover S-133S

3M™ Headcover S-133L

Head and face coverage, liquid splash and low energy impact. General purpose, cost-effective fabric.

Fabric - Polypropylene laminate



3M™ Headcover S-333SG

3M™ Headcover S-333LG

Similar to S-133 but with a more durable, soft, quiet, low-linting fabric.

Fabric - Polyurethane coated knitted nylon



S-Series Headcovers & Hoods

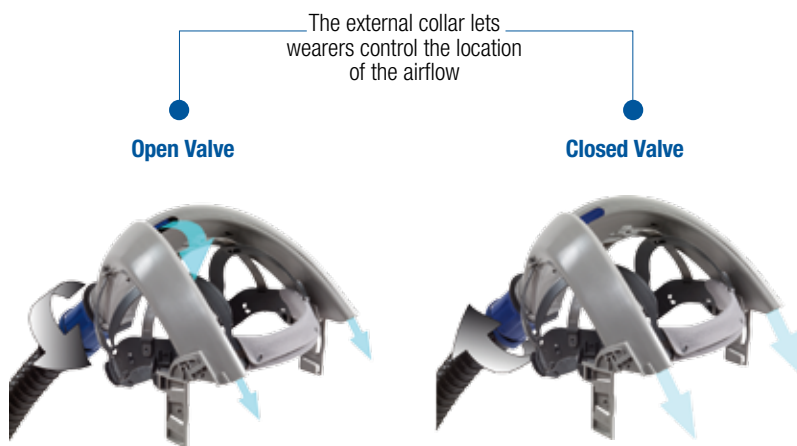
Premium Reusable Suspension Hoods

Premium reusable head suspension hoods can be a highly cost-effective choice for some high disposal rate environments: just the soiled hood fabric is replaced, while the suspension and air ducting can be reused. The design permits significantly faster user assembly of the entire headtop.

Premium reusable head suspension hoods offer the same level of comfort, fit and field of view as that of the S-Series Integrated Head Suspension Headcovers and Hoods. In addition, the suspension's rigid ducting provides a consistent air path. It also has an externally

adjustable airflow control that allows wearers to modify the airflow distribution to suit personal comfort needs. With a simple turn of the external collar, wearers can shift the location of air flowing over the top of the head to over their temples, face and visor.

The suspension has independent adjustments for the crown size and head circumference, allowing a comfortable, custom fit for a wide range of head sizes. An optional size-reducing comfort pad is provided to even further extend the range of compatible head sizes.



Premium Reusable Suspension Hoods



3M™ Hood S-655

Head, face, neck and shoulder coverage, as well as providing eye and face protection.
Fabric - Polypropylene laminate



3M™ S-757

Similar to S-657 but with a fabric specifically intended to help capture paint overspray, minimising the potential for paint to flake off the wearer and onto the work piece. The fabric also has an internal film barrier to help prevent paint contact with skin or clothes.
Fabric - Polypropylene laminate (double layer)



3M™ Hood S-657

Similar to S-655, this model uses a double shroud design for its respiratory seal; wearers can select between seal designs based on their personal preference. The users wear the S-657 by tucking its inner shroud into a shirt or protective coverall, which allows excess air to be channelled over the body, providing additional comfort.
Fabric - Polypropylene laminate

3M™ Powered & Supplied Air Respirators



3M™ No. 4 Headtop

Painting & Grinding Shields

The *No. 4 Headtop is based on a conventional lightweight face shield and is designed for use when eye, face and respiratory protection are required simultaneously. It is optionally supplied with a high impact polycarbonate visor that is ideal for applications requiring face protection during machining and finishing work, such as grinding, drilling and milling. It is also available with an acetate visor that is an effective solution for painting applications or working with chemicals.

Applications

- + Mixing Processes
- + Spray Painting
- + Chemical Industry
- + Food and Beverage Industry

Features and Benefits

- + The acetate visor on the painting shield provides eye and face protection to AS/NZS 1337 medium impact
- + The polycarbonate visor on the grinding shield provides eye and face protection to AS/NZS 1337 high impact standard
- + The innovative Quick Release Swivel (QRS) coupling on the headtop makes it easy to connect and disconnect the breathing tube, and it swivels to avoid loops and kinks in the tube
- + Face seal
- + Spare parts available



3M™ No. 4 Headtop Painting Shield
with acetate visor
Product Code: 049-00-57P

3M™ No. 4 Headtop Grinding Shield
with polycarbonate visor



Product Code: 049-00-56P



* All No. 4 Headtops shown can be used on selected 3M Powered Air Purifying Respirators, e.g., a Jupiter (as a JT4) or a Dustmaster (as a DM4) Powered Air Turbo. Can also be used on a 3M Supplied Air Respirator system (as an AL4)



No. 6 Headtop

Welding Shield

The 3M™ No. 6 Headtop is based on a conventional lightweight welding shield and designed for use when integrated welding, eye and respiratory protection are required simultaneously. It is supplied with a shade 10 welding lens, anti-spatter lens and lift-up escutcheon for ease of checking work and provides a comprehensive, cost effective solution to a wide array of welding applications.

The No. 6 Headtop is available individually or as part of a full system.

Features and Benefits

- + Lift-up escutcheon
- + May be used on selected 3M Powered Air Purifying Respirators, e.g., a Jupiter (as a JT6) or a Dustmaster (as a DM6)
* refer to footnote
- + Can be used on a 3M Air Supplied Respirator system (as an AL6)
- + Meets performance requirements of AS/NZS 1716 on the respirator systems indicated above
- + Meets the performance requirements of AS/NZS 1338 when fitted with a Standard compliant welding lens
- + Can provide Protection Factors up to 50 (AS/NZS 1715) against mechanically and thermally generated particulates (JT6, DM6, AL6)
- + Can provide Protection Factors up to 10 times or 1000 ppm (AS/NZS 1715) against various gases and vapours (JT6)
- + The innovative Quick Release Swivel (QRS) coupling on the headtop makes it easy to connect and disconnect the breathing tube, and it swivels to avoid loops and kinks in the tube



3M™ No. 6 Headtop-Welding Shield
Product No: 902-03-12



* The product's data sheet provides Protection Factor information of the headtop when used with various units.

3M™ Powered & Supplied Air Respirators



3M™ Airstream™ Helmets

The 3M Airstream Helmet is a versatile head-mounted PAPR system where the blower motor and filter components are integrated into the helmet. The helmet is powered by a belt-mounted battery pack. Airstream helmets offer respiratory protection as well as Australian Standards compliant head, eye and face protection. There is a choice of helmet shells for different work applications. Airstream helmets can also be configured for use with belt mounted Dustmaster, Jupiter and Airline breathing air systems.

Applications

All industrial areas that require eye, face, head and hearing protection, e.g.:

- + Mining
- + Smelting
- + Construction
- + Foundries
- + Tunnelling
- + Welding

Features and Benefits

- + The polycarbonate visor provides high impact face protection compliant to AS/NZS 1337
- + Lightweight, robust helmet shells provide head protection--AS/NZS 1801 compliant Type 1 Industrial Safety Helmet
- + Quick Release Swivel (QRS) Coupling for ease of use on the No.9 and No. 12 helmets.
- + Head and face seals
- + Positive pressure helps prevent ingress of contaminant into the headtop
- + Integrated turbo motor including filter cartridge and prefilter
- + Can be optionally equipped with earmuffs
- + AH12 Helmet has heat resistant shell, flame retardant head/face seal and reflective safety stripes. Available with optional heat resistant cover.
- + Spare parts & optional accessories available



3M™ Airstream™ Industrial Helmet AH12 with NiCd Battery

Product No: 902-02-93

3M™ Airstream™ Industrial Helmet AH12 with NiMH Battery

Product No: 902-02-95

Main filter and charger for AH12 Helmets available separately



3M™ Airstream™ Coal Mining Helmet AH6TM

Product No: 902-02-61

3M™ Airstream™ Hard Rock Mining Helmet AH6HRM

Product No: 902-02-64

Both helmets incorporate pivoting cap lamp mounting bracket and are fitted with reflective safety stripes. Cap lamp and battery not included



3M™ Airstream™ Welding Helmet AH9 with NiCd Battery

Product No: 902-00-50

3M™ Airstream™ Welding Helmet AH9 with NiMH Battery

Product No: 902-02-96

Includes anti-scratch visor and surround, high efficiency air turbo, Pre-filter & PAPR-P2 particulate main filter, main filter expander, head/face seal, shoulder cape, nod down welding shield with shade 11 filter, battery, storage container and user instructions

Battery Charger sold separately

Filters (ordered separately)

Main Filter - PAPR-P2 Heavy Duty
Product No: 060-23-04P

Main Filter - PAPR-P2
Product No: 060-23-06P

Main Filter - PAPR-GP2
Product No: 060-23-11P

Main Filter - PAPR-P1 Heavy Duty
Product No: 060-23-16P

Main Filter - PAPR-P2 HF S02
Product No: 060-23-20P

Pre-Filter
Product No: 060-22-00P

Turbo Connected Headtops



3M™ No. 9 Headtop

Product No: 902-02-94

Airstream style welding helmet with visor and QRS. Includes nod down welding shield, high impact anti-scratch visor, head/face seal, shoulder length welding cape and optional glare filter for oxy-cutting. Available with Auto-Darkening Filter (ADF) option.



3M™ No. 12 Headtop

Product No: 902-01-66

Airstream style helmet. Includes high visibility safety striping, high impact visor, head/face seal, flame retardant head band and user instructions.



3M™ L901 & L905 Lightning Helmets

The L901 and L905 are integrated, fully enclosed helmets providing head, face, eye and respiratory protection. These helmets include a high impact visor and soft neck seal. The L901 is a wide-view helmet with clear visor, whilst the L905 is designed for use as a welding helmet and also includes a nod down welding shield and flame retardant neck cape.

Applications

- + Mining
- + Smelting
- + Construction
- + Foundries (grinding, polishing)
- + Welding

The headgear for both the L901 and L905 is lightweight and well balanced. These helmets provide comfort and high protection levels.

They can be worn with eyeglasses and facial hair.

Features and Benefits

- + Wide-view lens allows for excellent peripheral and downward vision and provides AS/NZS 1337 compliant high impact face protection
- + 4 Point adjustable helmet suspension
- + Neck Cape (L901: anti static; L905: flame retardant)
- + Durable polycarbonate/polyester resin helmet shell provides AS/NZS 1801 compliant Type 1 Industrial Safety Helmet protection.
- + Helmets offer AS/NZS 1716 compliant respirator head and face covering
- + L905 also supplies AS/NZS 1338 welding protection when fitted with a suitable welding lens (133mm x 114mm)
- + Spare parts available



3M™ L901 Headtop

Lightning Helmet with QRS
Product No: 902-01-75



3M™ L905 Headtop

Lightning Welding Helmet with QRS
Product No: 902-01-76

Included is a nod down welding shield, neck cape, high impact visor & surround, flame retardant head band and user instructions.

Welding lens (light filter) not included



The L901 and L905 Headtops can be combined with the following 3M™ Powered and Supplied Air Systems:

- 3M™ Jupiter™ PAPR System
- 3M™ Dustmaster™ PAPR System
- Standard Supplied Air System
- Supplied Air Cooling Vortex System
- Supplied Air Heating Vortex System

3M™ Powered & Supplied Air Respirators



3M™ Jupiter™

Powered Air Turbo Unit

The 3M™ Jupiter™ is a comfortable, easy-to-use powered air purifying turbo unit that provides protection against solid particulates, gases or vapours, or against a combination of these depending on the types of filter cartridges used. An integrated acoustic and visual alarm indicates if airflow to the headtop is reduced or battery charge runs low. The Jupiter Powered Air Turbo is also available with an optional *Intrinsically Safe (IS) cover and battery. The Unit can be ordered with your choice of 3M Headtops.

Applications

- + Metalworking
- + Automotive Industry
- + Demolition and Stripping
- + Painting
- + Chemical and Pharmaceutical Industry
- + Agriculture
- + Woodworking
- + Mining

Features and Benefits

- + ON/OFF switch with control module
- + Breathing tube connection
- + Decontamination comfort belt for a improved fit and easier cleaning
- + Filter connection
- + Modern, ergonomic design
- + Minimal maintenance required
- + Can be worn in decontamination shower
- + Intrinsically Safe model can be used in potentially explosive atmospheres. Certified IS to EN50020 EEX ib IIB T3 IP63 using I.S. Pouch and Battery
- + Optional braces available
- + Intelligent battery charger to optimise battery life
- + Spare parts and optional accessories available



3M™ Jupiter™ Powered Air Turbo Unit

Product No: 902-01-79

Unit includes:

- + Turbo Case
- + Air Blower
- + Decontamination Belt
- + Jupiter 8-hour standard battery
- + User Instructions

3M™ Jupiter™ Powered Air Turbo with IS Cover

Product No: 902-03-00

Unit includes:

- + Turbo Case
- + Air Blower
- + Decontamination Belt
- + Jupiter 4-hour IS Battery and IS Battery Pouch
- + User instructions

Filters (ordered separately)

Filter Cartridge - PAPR-P3
Product No: 450-00-25

Filter Cartridge - PAPR-A1P3
Product No: 453-00-25

Filter Cartridge - PAPR-A1B1E1K1P3
Product No: 453-09-25

Pre-Filter Disc
Product No: 461-00-02P24

Optional Accessories Include

- Single Station Battery Charger
- QRS Breathing Air Hose (optional Standard and Heavy Duty)
- 10 Station Battery Charger
- Flame Retardant Breathing Hose Cover
- Jupiter IS Battery and IS pouch
- Safety Kit Carry Bag
- Braces for Jupiter Belt

* Refer to relevant State approvals for compliance requirements.



3M™ Dustmaster™

Powered Air Turbo Unit

The 3M™ Dustmaster™ Powered Air Purifying Respirator is a belt-mounted turbo unit that incorporates a blower unit, lightweight 8-hour battery and PAPR-P2 filter. This industry proven system is simple to use and protects against dusts, welding fumes and nuisance* odours. It can be combined with any Quick Release Swivel (QRS) Headtop and can be purchased with your choice of 3M Headtop.

Applications

- + Metalworking
- + Woodworking
- + Welding

Features and Benefits

- + Breathing tube connection
- + Battery charger connection – No need to remove battery for charging
- + Belt
- + Durable housing
- + Minimal maintenance required
- + Dustproof ON/OFF switch
- + Easy to clean
- + Compact, lightweight construction
- + Robust, industry proven design
- + Integrated particulate filter
- + Replaceable filter cartridge (optional prefilter)
- + Excellent value product offering low cost protection & productivity benefits
- + Spare parts and optional accessories available



3M™ Dustmaster™ Powered Air Turbo Unit

Product No: 021-00-38P

Unit includes:

- + Unit includes:
- + Turbo Case
- + Air Blower
- + Standard Belt
- + Dustmaster battery pack
- + PAPR P2 filter
- + User Instructions

Filters (ordered separately)

Main Filter - PAPR-P2

Product No: 451-00-02P

Main Filter - PAPR-GP2+Charcoal

Product No: 451-01-02P

Main Filter - PAPR-P3

Product No: 451-02-20

Pre-filter

Product No: 462-05-00P10

Optional Accessories Include:

- + 4 Station Battery Charger
- + QRS Breathing Air (optional Standard and Heavy Duty)
- + Flame Retardant Breathing Hose Cover
- + Decontamination Belt with clip
- + Storage Bag
- + Charging Adaptor
- + Tote Bin



* Nuisance levels are those levels below the Safe Work Australia Exposure Standards.

3M™ Powered & Supplied Air Respirators



3M™ Standard Airline

Belt System

The 3M™ Standard Airline Belt System consists of a belt, air regulating valve/muffler assembly and QRS Breathing Hose that can be combined with all 3M modular headtops and ensures an individually adjustable, constantly controlled airflow. The Airline requires a working pressure of 25-60 psi (1.7 bar to 4.1 bar) dependent on the length of the breathing air hose.

There is an option of four varying length breathing air hoses to connect the 3M Standard Airline System to the compressed air supply. An approved Breathing Air Panel should be connected in-line to purify

the compressed air before it is fed to the air regulator. The various components of the Standard Airline System are connected using CEJN plug and socket hose couplings. The use of a continuous flow airline system can provide high protection factors in environments containing high levels or unknown contaminants.

Applications

- + Chemical and Pharmaceutical industry
- + Spray Painting
- + Metal Finishing

Features and Benefits

- + QRS Breathing tube connecting port
- + Compressed air connection
- + Easy to clean
- + Air flow 170-425 L/min
- + When used with AS/NZS 1716 compliant airline hose, meets performance requirements of this standard



3M™ Standard Airline Best System Product No: 902-02-17

System includes:

- + Belt
- + Air regulating valve & muffler
- + CEJN fitting
- + Standard QRS breathing air hose
- + User instructions



3M™ Vortex

Air Cooling/Heating Regulator

A Vortex Air regulating valve is a personal air conditioning unit on your belt. In many areas of industry, workers are sometimes exposed to uncomfortably high or low temperatures in addition to high concentrations of hazardous contaminants. These are the kinds of situations where Vortex regulators are ideal for use in conjunction with the air respirator system to either cool or heat the wearer's incoming supplied air by up to 25°C.

Applications

- + Heavy Industry
- + Foundries (high radiant heat)
- + Construction Industry (cold outdoor temperatures)
- + Manufacturing

Features and Benefits

- + Breathing Tube connection or muffler
- + Compressed air connection
- + Working Pressure 60-85 psi depending on airline breathing hose length
- + Air volume 170-425 L/min
- + Adjustable temperature controller
- + Compact and lightweight - 575gms including belt and hose
- + Meets performance requirements of AS/NZS 1716



3M™ Vortex Cooling Kit
Product No: 902-02-18

Kit includes:

- + Vortex cooling regulator
- + Insulating Pad & Belt
- + Muffler
- + Standard QRS Breathing Hose & Connector
- + User instructions



3M™ Vortex Heating Kit
Product No: 902-02-85

Kit includes:

- + Vortex heating regulator
- + Insulating Pad & Belt
- + Muffler
- + Standard QRS Breathing Hose & Connector
- + User instructions



3M™ Powered & Supplied Air Respirators



3M™ Breathing Air Tubes

A breathing tube connecting the breathable air source with the headtop is required to ensure that clean air reaches the headtop reliably and with unrestricted airflow. The breathing air tubes offered are compatible with all 3M modular headtops and filter units (AFU). You can choose either a standard polyurethane breathing tube or a heavy duty rubber breathing tube.

An optional flame retardant sleeve extends the life of the breathing tube by providing protection from welding and/or grinding sparks.





3M™ Supplied Air Systems

Breathing Air Panels

3M™ Breathing Air Panels feature a 2-stage filtration system that is capable of delivering regulated breathable compressed air to all variations of 3M Supplied Air respiratory protection systems. 3M Breathing Air Panels are available either as a 1 person or 3 person configuration.

3M Breathing Air panels are extremely versatile, with air filters capable of supplying clean breathable air from mineral, synthetic and oil-free compressed air systems.

Features and Benefits

- + Compact dimensions allow all mounting in tight spaces
- + Standard wall mount bracket allows easy installation near location of use
- + Portable option stand alone frame assembly allows on-site work (available for 1 Outlet Panel only)
- + Breathable air filters and filter elements are silicone free
- + Outlet supplied with double action CEJN fitting compatible with 3M Airline breathing hoses
- + Spare parts and optional accessories available

Applications

- + Spray Painting & Powder Coating
- + Chemical Batch Mixing
- + Pharmaceutical Manufacturing
- + Chemical batch mixing



3M™ Wall-Mount 3 Person Breathing Air Panel
Product No: 901-00-47

Replacement Filters (ordered separately)

- + Coalescing Element
Part Number: 901-00-50
- + Carbon Element
Part Number: 901-00-49
- + Wall mounting bracket
Part Number: 901-00-53

3M™ Wall-Mount 1 Person Breathing Air Panel
Product No: 901-01-07

Replacement Filters (ordered separately)

- + Coalescing Element
Part Number: 901-01-09
- + Carbon Element
Part Number: 901-01-10

CAUTION: These filter panels will not remove certain types of gases including Carbon Monoxide (CO) and Carbon Dioxide (CO₂)

Where required by supply air quality and to extend filter life, 3M recommends that a water separator and 1 micron particulate filter are installed prior to the filter panel.

3M™ Powered & Supplied Air Respirators



3M™ Supplied Air Breathing Hoses

3M offers a range of compressed air breathing hoses that can be connected to our broad range of supplied air respiratory solutions. The hoses are available in four different lengths and they guarantee high quality connection to all components.

Features and Benefits

- + PVC hose manufactured to meet requirements of AS/NZS1716 and AS2299
- + 3M Airline hoses are fitted with CEJN Series 342 Safety Couplings
- + Couplings are made from chrome-plated brass/steel
- + Locking sleeve and nipple are made of hardened steel
- + Distinctive yellow colour
- + Outer cover marked with AS1716 Breathing Air to indicate suitability for use
- + Hoses marked with manufacture date



3M™ Supplied Air Breathing Hoses

3M™ Breathing Hose – 7.5m Length
Product No: 901-00-56

3M™ Breathing Hose- 10m Length
Product No: 901-00-55

3M™ Breathing Hose- 15m Length
Product No: 901-00-54

3M™ Breathing Hose- 30m Length
Product No: 901-00-63



3M™ Powerflow Plus™ PPR

The 3M™ Powerflow Plus™ PPR consists of a 3M™ 6800DIN Full Face Respirator and facepiece-mounted turbo unit with P3 filter. The Powerflow Plus system offers effective respiratory protection against potential health hazards when stripping or disposing of asbestos containing materials. The motor is shower proof and the whole unit can be effectively decontaminated.

The 6800 Full Face Respirator has the ability to be converted for use as a negative pressure respirator.

Applications

- + Asbestos abatement

Features and Benefits

- + Lightweight full facepiece with wide viewing area (panorama vision)
- + High impact rated visor AS/NZS 1337
- + Equipped with one P3 filter for use against solid and liquid aerosols
- + Compact turbo unit with DIN threads
- + Belt-mounted 8-hour system battery
- + Electronic battery charger
- + Smooth shape allows easy decontamination
- + 6000 Series Powerflow Plus full facemask meets requirements of AS/NZS 1716



3M™ Powerflow™ Plus 6800 + NiCd Battery

Product No: 902-02-12

Includes:

- + 6800DIN Series Full Face Respirator
 - + High impact lens
 - + Waterproof motor
 - + PAPR-P3 particulate filter
 - + 8-hour NiCd battery
 - + User instructions
- Battery Charger sold separately

3M™ Powerflow™ Plus 6800 + NiMH Battery

Product No: 902-03-22

Filter (for above products) sold separately

Filter Cartridge - PAPR-P3

Product No: 450-00-02P

Includes:

- + 6800DIN Series Full Face Respirator
 - + High impact lens
 - + Waterproof motor
 - + PAPR-P3 particulate filter
 - + 8-hour NiMH battery
 - + User instructions
- Battery Charger sold separately

Accessories Available

- + Battery Charger
- + Storage Bag
- + Battery Pouch Water Repellent
- + Waist Belt

3M™ Powered & Supplied Air Respirators



3M™ Supplied Air Stethoscope Systems

The 3M™ Supplied Air Stethoscope System is the most comfortable and versatile supplied air system. It can be fitted to 3M™ 6000 Series Full Face or Half Face Respirators, as well as 7500 Series Half Face respirators. The system provides AS/NZS1716 compliant continuous flow positive pressure in a lightweight assembly.

Applications

- + Painting
- + Boat building
- + Pharmaceutical Manufacturing
- + Chemical Batch Mixing
- + Powder Coating
- + Confined space work

Offering comfort and high protection levels, this system has a robust, low profile, innovative design.

Features and Benefits

- + Flow rate is adjustable for individual comfort
- + No breathing resistance
- + Ability to fit filters as well as the Airline on the facemask for protection when disconnected from Airline supply (SA-2100 only)
- + Fitted with CEJN Type 342 fittings for connection to 3M Airline breathing hoses.
- + Provides Protection Factors (AS/NZS 1715) of up to 50 when fitted to 3M half face respirators and 100+ when fitted to 3M full face respirators
- + Can be optionally combined with all 2000, 5000 and 6000 Series Filters by 3M
- + Complete system (SA-2000) available with medium or large 3M 6000 series reusable full face respirator
- + Other optional accessories available



3M™ SA-2000 Stethoscope Breathing Tube Set

Single connection to facemask
Product No: 901-00-71



3M™ SA-2100 Combination Stethoscope Breathing Tube Set

Dual connection-has the capability of fitting negative pressure filters as well as positive pressure airline on the facemask for the maintenance of respiratory protection when the supplied air is disconnected.
Product No: 902-03-15



3M™ Full Facepiece System –Medium

Product No: 68SA2

3M™ Full Facepiece System- Large

Product No: 69SA2

Caution: 3M Stethoscope Airline Systems are not for use in oxygen deficient atmospheres or where contaminant concentrations are unknown or immediately dangerous to life and health. See AS/NZS1715 for guidance.



3M™ Visionair™ Supplied Air Visor System

The 3M™ Visionair™ - 500HVA supplied air visor system with acetate nod down painting shield, foam face seal, breathing tube and integrated airflow indicator offers a versatile stand alone solution for spray painting applications.

The Visionair Visor system, which is supplied with a belt regulator with spray gun take off allows a single air line to supply air simultaneously to both the Visor and spray gun.

Features and Benefits

- + Adjustable flip-up acetate visor with medium impact visor rating (AS/NZS 1337)
- + Protective silicone-free hood for neck and hair
- + Choice of left or right- handed mounting capabilities
- + Nuisance odour filter
- + Adjustable air flow
- + High respiratory protection class approved to AS/NZS 1716
- + Y-piece takeoff fitting allowing connection to HVLV paint spray guns
- + Protection Factor 100+
- + Airline couplings are CEJN fittings
- + Spare parts and optional accessories available



3M™ Supplied Air Visor System - 500HVA
Product No: 902-00-67

Includes:

- + Acetate nod down paint shield
- + Foam face seal
- + Narrow bore breathing tube
- + Integrated airflow indicator
- + Belt regulator
- + Spray gun take-off hose
- + CEJN fitting

Optional Accessories Include:

- + Face Seal
- + Brow Seal
- + Acetate Visor
- + Sweat Band
- + Head Cape
- + Visor overlay
- + Filter cartridge and bowl gasket

3M™ Visionair™
500HVA Painting System
showing Y-piece takeoff
fitting for spray gun.



Training and Support

3M's team of Certified Occupational Hygienists and Technical Specialists offer support and training to meet the needs of our customers.

They can provide customers:

- Initial and ongoing technical support
- Advice and training for your company, including audits for your workplace
- Coordination of fit testing for respiratory and hearing protection

No matter how effective a piece of PPE is, it will offer little or no protection if it is not fitted and worn correctly. Proper inspection, cleaning and storage is vital for safety equipment that protects a worker's health and well being.

That is why 3M offers training programs that explain the correct way to fit, inspect, clean and store the PPE designed and manufactured by our company.

Our Specialist Field Representatives are trained and can provide Certificate IV style workplace training. They can also provide quality onsite training and ongoing support.

3M TechAssist

3M TechAssist is the ideal point of contact for your questions, especially when you require a prompt answer. Supported by trained staff, Tech Assist is an immediate link to the worldwide resources of 3M.

Customers can contact TechAssist to answer questions on product information, technical advice, guidance with product selection, Australian Standards and other important information they may need to know on a day-to-day basis.

You can contact 3M's TechAssist service by ringing the free TechAssist Helpline on 1800 024 464 or by email at techassist@mmm.com

Nationwide Distributor Network

3M distributes our wide range of workplace safety products through a distributor network which includes over 250 stores and branches throughout Australia.

To find a 3M safety distributor near you, visit our website www.3m.com/au/ohs or ring 3M customer service on 1300 363 565.

For more information about 3M Safety products or solutions please contact your 3M representative or:

3M TechAssist Helpline (Mon-Fri 8.30am-4.30pm)	1800 024 464 or email techassist@mmm.com
3M Australia Customer Service	1300 363 565
Website	www.3m.com/au/ohs



Occupational Health and Environmental Safety Division

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