

A person wearing a 3M respirator, safety glasses, and a high-visibility vest. The image is dark and semi-transparent, serving as a background for the text.

Selection of Respiratory Protection

RESPIRATORY PROTECTION

Factors to Consider

Respiratory safety on a job site requires assessing site configuration for potential hazards, considering worker health and comfort, and understanding chemical characteristics, toxicity, and concentration to select suitable respirators. Factors like oxygen deficiency, extreme temperatures, and hazard nature also impact the choice of respiratory protection.

Different respirator types (particulate, gas/vapor, PAPR, air-supplied, SCBA) provide varying levels of protection for specific work situations. Understanding these factors and respirator types is crucial for safeguarding workers' respiratory health and ensuring jobsite safety.



QB-910I-N95 / QB-910IS-N95

QB N95 Particulate Respirator

Description

- Comfortable to wear and easy to use
- Lightweight for comfort and longer wear time
- Offers a cost-effective protection solution
- Available in two sizes to ensure a proper facial fit
- Adjustable nose clip for a secure, custom-fit
- Reduces the potential for eyewear fogging
- Provides 95% filter efficiency when subjected to a 0.3µm particle challenge
- Shell is designed to resist collapse in hot and humid conditions
- State-of-the-art filter media provides low-resistance filtration

Compliance**NIOSH N95**

Featuring a highly efficient micro filter and quality design, Quebee's QB910I & QB910IS respirator is both reliable and affordable. These N95 particulate respirators are comfortable, with interior foam flaps for a snug fit around the nose and secure head straps. They meet NIOSH N95 requirements for protection against microorganisms, dust, and mist without oil.



3M Respirators Unique Technologies



Cool Flow™ Exhalation Valve
Patented one-way valve for easy exhalation and cool, dry comfort



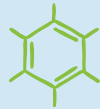
Advance Electret Media
Patented filter media with electrostatically charged microfibers helps make breathing easier and cooler



Welding web
Unique filter media with flame-resistant layers, tested per ASTM D2859-96 (Not a face shield substitute)



M-noseclip
Patented nose clip adjusts easily for fewer pressure points and greater comfort



Carbon filter material
Carbon filter media offers wearer comfort against odors, vapors, and gaseous contaminants. For nuisance level relief only



Adjustable buckle straps
A single tug helps provide a comfortable, secure fit



Faceseal
Soft and secure, conforms closely to the face for additional comfort



Cake-resistant filter media
Patented filter media with specially designed layers for welding extends respirator life and eases breathing



P-series filter
Patented Advanced Electret Media suitable for extended use in both oil and non-oil-containing environments

Comfort 3M Unvalved Respirators



9210 (N95)

3M-9210

Unique Technologies



Description

- A breakthrough in comfort and convenience, this innovative three-panel respirator offers reliable worker protection against non-oil-based particles



9105 / 9105S (N95)

3M-9105

Unique Technologies



Description

- An innovative flat-fold respirator designed for comfort and convenient storage. The economical design is suitable for light-duty users



8210 (N95)

3M-8210

Unique Technologies



Description

- Featuring Advanced Electret Media (AEM), welded strap attachment, soft nose foam, and adjustable nose clip for a custom fit and secure seal



8110s (N95)

3M-8110s

Unique Technologies



Description

- Designed for smaller faces, it offers worker protection against non-oil-based particles, promoting comfort, ease of use, and extended wear time



Comfort 3M Valved Respirators



3M-8511

Unique Technologies



8511 (N95)

Description

- Uniquely designed for protection against specific non-oil-based particles, ideal for settings with heat, humidity, or long wear



3M-8211

Unique Technologies



8211 (N95)

Description

- Offers the features of 3M™ Particulate Respirator 8211, with a comfortable foam face seal for protection against specific non-oil-based particles



3M-9211

Unique Technologies



9211 (N95)

Description

- This three-panel respirator with innovative design is ideally suited for work settings that involve heat, humidity, or long periods of wear

3M Unvalved Specialty Respirators



3M-8247

8247 (R95)

Unique Technologies



Description

- Designed for comfortable protection against oil, non-oil particles, and nuisance levels of organic vapors* like solvents, degreasers, and resins



3M-8246

8246 (R95)

Unique Technologies



Description

- Protects against specific oil and non-oil particles, and nuisance levels of acid gases* such as sulfur dioxide, hydrogen fluoride, and chlorine

3M Valved Specialty Respirators



3M-8577

8577 (P95)

Unique Technologies



Description

- Designed for comfortable, reliable worker protection against oil and non-oil particles, including nuisance levels of organic vapors* like solvents, degreasers, and resins



3M-8516

8516 (N95)

Unique Technologies



Description

- Designed for the aluminum industry to provide protection against non-oil particles, including nuisance levels of acid gases* like sulfur dioxide, hydrogen fluoride, and chlorine



3M-8271

8271 (P95)

Unique Technologies



Description

- Combining P-series versatility with exceptional comfort and fit, it's an excellent choice for those working in environments that may contain oil aerosols



3M-8576

8576 (P95)

Unique Technologies



Description

- Designed for comfortable, reliable worker protection against oil, non-oil particles, and nuisance levels of acid gases* like sulfur dioxide, hydrogen fluoride, and chlorine



Comfort Plus - 100 Class Respirators



3M-8233

8233 (P100)

Unique Technologies



Description

- Suitable for those seeking NIOSH's highest-rated filtration efficiency in a maintenance-free respirator, with a minimum 99.97% efficiency against non-oil-based particles



3M-8293

8293 (P100)

Unique Technologies



Description

- Ideal for those seeking NIOSH's highest-rated filtration efficiency in a maintenance-free respirator, with a minimum 99.97% efficiency against oil-based particles

Fluid Resistant Respirators



3M-1860S /small
3M-1860 /regular

1860 (N95) 1860S (N95)

Unique Technologies



Description

- An all-in-one, fluid-resistant N95 respirator and surgical mask for healthcare workers, with an adjustable nose clip for a custom fit and secure seal. Available in two sizes



3M-1870

1870 (N95)

Unique Technologies



Description

- A breakthrough in comfort and convenience, this innovative three-panel respirator with fluid-resistant properties is an all-in-one N95 respirator and surgical mask

Welding & Metal Pouring



3M-8214

8214 (N95)

Unique Technologies



Description

- Designed for applications such as welding, soldering, and other operations where metal fumes may be present, including those with ozone* and nuisance-level organic vapors**



3M-8514

8514 (N95)

Unique Technologies



Description

- Designed for applications such as welding, soldering, and other operations where metal fumes are present, including those with ozone* and nuisance-level organic vapors**



3M-8515

8515 (N95)

Unique Technologies



Description

- An economical option for welders featuring the 3M™ Cool Flow™ Exhalation Valve, adjustable M-noseclip, and braided headband to help provide a custom fit and secure seal



7500 Series Respirator

Easy breathing, comfort and durability

Adjustable Head Cradle

- ▶ Allows the wearer to adjust for an optimum fit and comfort

Patented 3M™ Cool Flow™ Valve

- ▶ Valve design helps make breathing easier
- ▶ Helps reduce heat and moisture buildup for cool, dry comfort

Unique Exhalation Valve Cover

- ▶ Directs exhaled breath and moisture downward
- ▶ Smooth surface allows for quick and easy cleaning
- ▶ Helps prevent debris from depositing in the valve area



Soft Seal Design

- ▶ Advanced silicone material provides a softer feel on the face
- ▶ A unique adjustment design reduces tension and pressure points on the face for unsurpassed comfort

Dual-Mode Head Harness

- ▶ adjusts easily, giving the user the option to wear the respirator in either traditional or drop-down mode

Part No.	Description	Product Code
7501	Dual cartridge half facepiece, small	3M-7501
7502	Dual cartridge half facepiece, medium	3M-7502
7503	Dual cartridge half facepiece, large	3M-7503

6000 Series Respirator

Compatible and convenient respiratory protection

- ▶ Facepiece is made from soft, lightweight material
- ▶ Available with a standard or drop-down head harness option, allowing wearers to lower the respirator without removing their hard hat or faceshield
- ▶ Head harness assembly and spare parts are available

Part No.	Description	Product Code
6100	Dual cartridge half facepiece, small	3M-6100
6200	Dual cartridge half facepiece, medium	3M-6200
6300	Dual cartridge half facepiece, large	3M-6300



7700 Series Respirator

Compact and durability

- ▶ Lightweight silicone facepiece
- ▶ Allows for a wider field of view with the respirator
- ▶ Quarter-turn cartridges attach and detach without removing the respirator

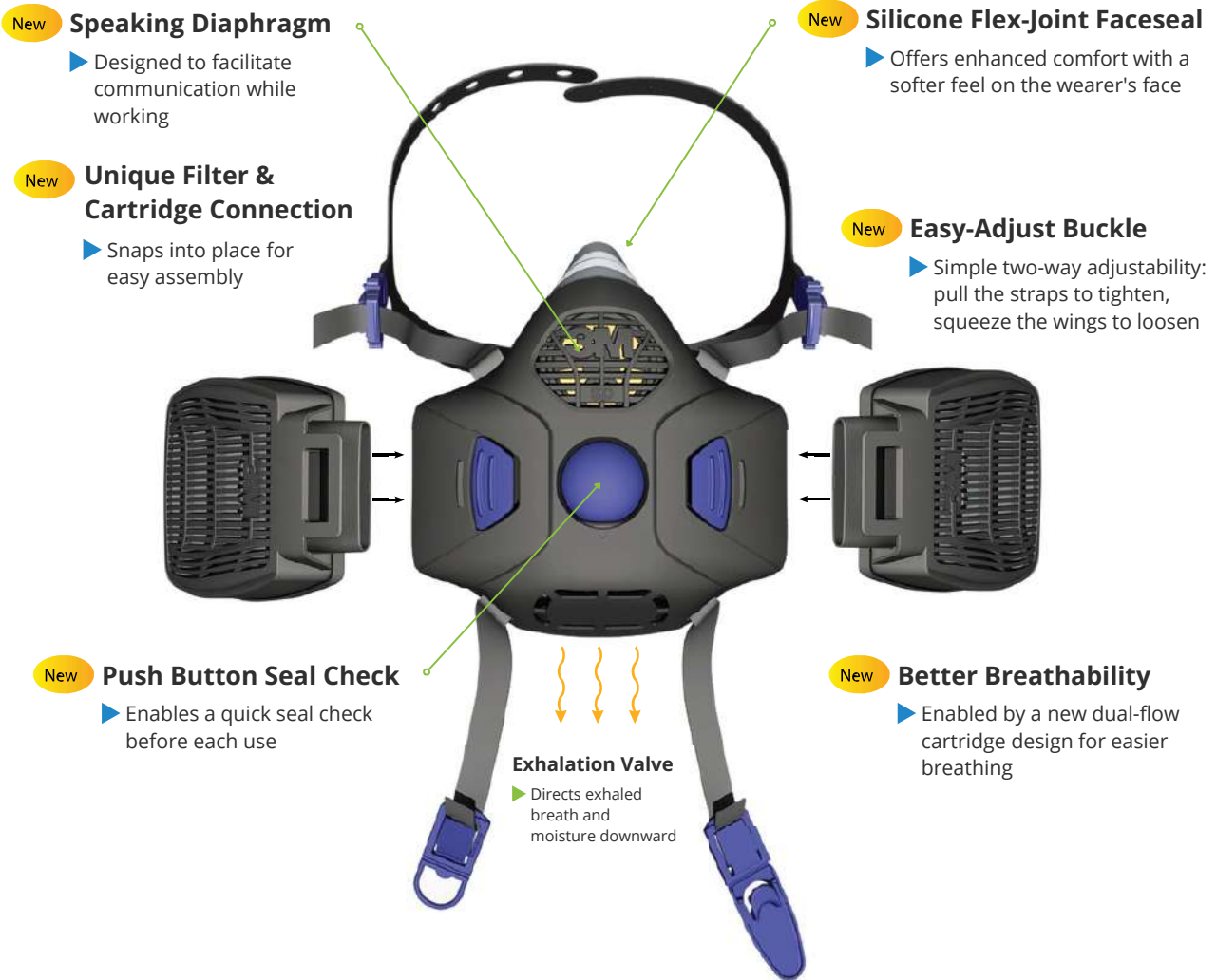
Part No.	Description	Product Code
7701k	Single cartridge half facepiece, small	3M-7701
7702k	Single cartridge half facepiece, medium	3M-7702
7703k	Single cartridge half facepiece, large	3M-7703










3M™ Secure Click Half Facepiece Reusable Respirator HF-800 Series

Designed with intuitive features, the 3M Secure Click Half Facepiece Reusable Respirator HF-800 Series helps protect workers from particulates and a wide variety of gases and vapors when used with approved 3M Secure Click filters and cartridges.



 <p>Feel it:</p>	<p>Experience greater breathability and comfort with the world's first quad-flow cartridge system.</p>	 <p>Hear it:</p>	<p>Secure Click connection ensures filters/cartridges are correctly installed. Simply align the connections and push into place.</p>
 <p>Check it:</p>	<p>Perform an easy, one-touch seal check to boost worker confidence in proper respirator use.</p>	 <p>Say it:</p>	<p>Speaking diaphragm is designed for easier communication while working.</p>



Product #	3M ID #	Description	
3M™ Secure Click™ Half Facepiece Reusable Respirator HF-800 Series			
HF-801SD	7100172045	3M™ Secure Click™ Half Facepiece Reusable Respirator with Speaking Diaphragm HF-801SD, Small, 10 Each/Case	 HF-802SD
HF-802SD	7100172051	3M™ Secure Click™ Half Facepiece Reusable Respirator with Speaking Diaphragm HF-802SD, Medium, 10 Each/Case	
HF-803SD	7100172000	3M™ Secure Click™ Half Facepiece Reusable Respirator with Speaking Diaphragm HF-803SD, Large, 10 Each/Case	
3M™ Secure Click™ Half Facepiece Reusable Respirator HF-800 Series Cartridges and Filters			
D7N11	7100213450	3M™ Secure Click™ Particulate Filter N95 D7N11, 200 Each/Case	 D7P71  D3091  D3097*, P100 w/ Nuisance OV  D8001  D80926, Multi-Gas/Vapor/P100  D9093, P100
D7P71	7100213434	3M™ Secure Click™ Particulate Filter P95 D7P71, 200 Each/Case	
D701	7100184498	3M™ Secure Click™ Filter Retainer D701, 100 Each/Case	
D3071	7100213358	3M™ Secure Click™ Particulate Filter P95 D3071, 100 Each/Case (50 Pair/Case)	
D3076HF	7100213424	3M™ Secure Click™ Particulate Cartridge P95/Hydrogen Fluoride with Nuisance Level * Acid Gas Relief D3076HF, 100 Each/Case (50 Pair/Case)	
D3078	7100213435	3M™ Secure Click™ Particulate Filter P95 with Nuisance Level * Organic Vapor/Acid Gas Relief D3078, 100 Each/Case (50 Pair/Case)	
D3091	7100213359	3M™ Secure Click™ Particulate Filter P100 D3091, 100 Each/Case (50 Pair/Case)	
D3096	7100213425	3M™ Secure Click™ Particulate Filter P100 with Nuisance Level * Acid Gas Relief D3096, 100 Each/Case (50 Pair/Case)	
D3097	7100213150	3M™ Secure Click™ Particulate Filter P100 with Nuisance Level * Organic Vapor Relief D3097, 100 Each/Case (50 Pair/Case)	
D8001	7100153170	3M™ Secure Click™ Organic Vapor Cartridge D8001, 60 Each/Case (30 Pair/Case)	
D8003	7100153220	3M™ Secure Click™ Organic Vapor/Acid Gas Cartridge D8003, 60 Each/Case (30 Pair/Case)	
D8006	7100153228	3M™ Secure Click™ Multi-Gas/Vapor Cartridge D8006, 60 Each/Case (30 Pair/Case)	
D80921	7100153232	3M™ Secure Click™ Organic Vapor Cartridge/Filter P100 D80921, 60 Each/Case (30 Pair/Case)	
D80923	7100153233	3M™ Secure Click™ Organic Vapor/Acid Gas Cartridge/Filter P100 D80923, 60 Each/Case (30 Pair/Case)	
D80926	7100153234	3M™ Secure Click™ Multi-Gas/Vapor Cartridge/Filter P100 D80926, 60 Each/Case (30 Pair/Case)	
D9093	7100206894	3M™ Secure Click™ Hard Case P100 Particulate Filter, D9093, 60/ Case	
D9093B	7100206895	3M™ Secure Click™ Hard Case P100 Particulate Filter, D90 93B, 144/ Case	
D9093C	7100206890	3M™ Secure Click™ Hard Case P100 Particulate Filter, Hydrogen Fluoride and Nuisance Level * Organic Vapor and Acid Gas Relief, D9093C 60/ Case	
D9093CB	7100206896	3M™ Secure Click™ Hard Case P100 Particulate Filter, Hydrogen Fluoride and Nuisance Level * Organic Vapor and Acid Gas Relief, D9093CB, 144/Case	
3M™ Secure Click™ Half Facepiece Reusable Respirator HF-800 Series Replacement Parts and Accessories			
HF-800-02	7100181933	3M™ Secure Click™ Inhalation/Exhalation Replacement Valve HF-800-02, 10 Each/Case	
HF-800-03	7100181558	3M™ Secure Click™ Quantitative Fit Test Adapter Kit HF-800-03, 1 Each/Bag	
HF-800-04	7100217704	3M™ Secure Click™ Head Harness SD Replacement Assembly HF-800-04, 5 Each/Case	
HF-800-05	7100181934	3M™ Secure Click™ Speaking Diaphragm Assembly HF-800-05, 5 Each/Case	

*** Nuisance level refers to concentrations not exceeding the OSHA PEL or applicable government occupational exposure limits, whichever is lower.**



FF-400 Series Full Facepiece Reusable Respirator

Comfortable, durable protection for demanding, X-treme conditions

As 3M's latest advancement in respiratory protection, the lightweight Ultimate FX FF-400 was developed to provide maximum comfort and durability, featuring unique qualities that make it the optimal choice for a variety of industrial applications:

Large Lens Featuring Scotchgard™ Protector

- ▶ Paint and stain-resistant lens: 3M™ Scotchgard™ coating makes some paints and stains bead up for easy wiping
- ▶ Helps the lens stay clearer during certain spray applications
- ▶ Provides a wide field of view

Passive Speaking Diaphragm

- ▶ Optimally positioned for clearer and easier communication

Bonded Silicone Gaskets

- ▶ Eliminates loose gaskets that can be lost

Easy To Use

- ▶ Respirator attachments twist on and off easily for quick assembly and disassembly



Durable, Long-Lasting Head Harness

- ▶ Features a six-strap configuration for a secure fit
- ▶ Harness straps underwent one million durability tests during development

Comfort Cradle

- ▶ Positions the respirator more comfortably on the head

Soft, silicon nose cup and face seal

- ▶ Engineered for maximum durability, comfort, and resilience
- ▶ Three sizes ensure a broad range of face shapes and sizes fit the respirator

Patented 3M™ Cool Flow™ Valve

- ▶ Enables easier breathing
- ▶ Reduces heat and moisture buildup for cool, dry comfort

Part No.	Description	Product Code
FF-401	Dual cartridge full facepiece, small	3M-FF-401
FF-402	Dual cartridge full facepiece, medium	3M-FF-402
FF-403	Dual cartridge full facepiece, large	3M-FF-403

6000 Series Full Facepiece Reusable Respirator

Reliable, convenient and compatible protection

- ▶ A unique center adapter directs exhaled breath and moisture downward, reducing debris in the valve. Smooth surface for easy cleaning
- ▶ Large lens provides a wide field of view and excellent visibility
- ▶ 3M™ Cool Flow™ valve helps ensure cool, dry comfort
- ▶ Meets the requirements of ANSI Z87.1-2003 for high impact (Z87+)
- ▶ Lightweight, well-balanced design with a silicone face seal for enhanced comfort and durability
- ▶ Available in air-purifying respirator (APR), supplied air, and powered air-purifying respirator (PAPR) modes

Part No.	Description	Product Code
6700	Dual cartridge full facepiece, small	3M-6700
6800	Dual cartridge full facepiece, medium	3M-6800
6900	Dual cartridge full facepiece, large	3M-6900





Filters, Cartridges Retainers & Adapters

2000 Series Filters



3M-2071
P95



3M-2076HF
P95



3M-2078
P95



3M-2091
P100



3M-2096
P100



3M-2097
P100

- ▶ Hydrogen fluoride and nuisance level acid gas relief*[∞]
- ▶ Nuisance level organic vapor and acid gas relief*[†]
- ▶ Nuisance level acid gas relief*
- ▶ Nuisance level organic vapor relief*[†]

*Nuisance level: below OSHA/DOSH PEL

[∞] For HF, use a full-face respirator with 2076HF filters for protection up to 10x OEL

[†] For ozone, use a 6000 series respirator with 2078 or 2097 filters recommended by 3M for protection up to 10x OEL

6000 Series Cartridges



3M-6001
Organic Vapor



3M-6002
Acid Gas



3M-6003
Organic Vapor/
Acid Gas



3M-6004
Ammonia/
Methylamine



3M-6005
Formaldehyde/
Organic Vapor



3M-6006
Multi gas and
Vapor



3M-6009
Mercury
Vapor

- ▶ Certain organic vapors
- ▶ Chlorine, hydrogen chloride, sulfur dioxide, chlorine dioxide, or hydrogen sulfide
- ▶ Certain organic vapors, chlorine, hydrogen chloride, sulfur dioxide, and hydrogen sulfide
- ▶ Formaldehyde and certain vapors
- ▶ Certain organic vapors, chlorine, hydrogen chloride, chlorine dioxide, sulfur dioxide, hydrogen sulfide, ammonia/methylamine, formaldehyde, or hydrogen fluoride

7700 Series Cartridges, filters and Retainer



3M-7001K-55
Organic Vapor



3M-7001K-100
Organic vapor



3M-70072
Organic Vapor/
Acid Gas



3M-7711
N95 Filter



3M-774
Filter retainer for
use with 7711

- ▶ Certain organic vapors
- ▶ Certain organic vapors, chlorine, hydrogen chloride, sulfur dioxide, or hydrogen sulfide (escape only)

Filters Adapter Retainers



3M-5N11
N95 Filter
Requires use
of 501 Retainer



3M-5P71
P95 Filter
Requires use
of 501 Retainer



3M-501
Filter Retainer
For use with 5N11
or 5P71



3M-502
Filter Adapter
For use with 2000
or 7093 Filter



3M-7093B
P100 Filter



3M-7093C
Cartridge/Filter
HF, P100, with
Nuisance Level
OV/AG Relief



3M™ Supplied Air® Respirators

2000 Series Filters

3M offers the wearer tight-fitting half and full-face piece airline respirators that provide superior comfort and convenience. The 3M systems enhance safety and efficiency in your work.



3M-FF-400
Full Facepiece



3M-6000 Series
Full Facepiece



3M-7500 Series
Half Facepiece



3M-6000 Series
Half Facepiece

Adapter Kits

Standard Kits

Combination Kits



Back-Mounted Adapter Kits
3M-SA-2000 (High Pressure)
3M-SA-2000LP (Low Pressure)



Front-Mounted Adapter Kits
3M-SA-1000 (High Pressure)
3M-SA-1000LP (Low Pressure)



Combination Back Mounted Adapter Kits
3M-SA-2100 (High Pressure)
3M-SA-2100LP (Low Pressure)

Integrated Suspension Head Covers



3M-S-133L-UK



3M-S-433L-UK



3M-S-533L-UK



3M-S-655-UK

- ▶ Designed to provide head and face coverage for general purposes
- ▶ Available in blue

- ▶ The 3M™ Versaflo™ S-433L Hood is approved for use with certain 3M™ Powered Air Purifying and Supplied Air Respirator Systems

- ▶ Designed to provide head and face coverage for general purpose
- ▶ More durable with soft, quiet, low-linting fabric that drapes comfortably over the wearer

- ▶ Designed for greater comfort with adjustable airflow
- ▶ Provides a wider field of vision
- ▶ Replaceable hoods for better cost efficiency



Breathing Tubes



3M-BT-20S-UK
Small / Medium
Designed for use with S-series
headtops



3M-BT-20L-UK
Medium / Large
Designed for use with S-series
headtops

Air Control Devices



3M-V-100 Vortex™
Vortex Cooling Assembly



3M-V-200 Vortemp™
Vortemp Heating Assembly



3M-V-300
Air Regulating Valve Assembly



3M-V-400
Low Pressure Connector Assembly

- ▶ Designed to cool all incoming air up to 10 celsius and allows for airflow to be adjustable
- ▶ Requires up to 20 cfm at 60-90 psi depending on hose length

- ▶ Designed to warm all incoming air up to 10 celsius and allows for airflow to be adjustable
- ▶ Requires up to 20 cfm at 60-90 psi depending on hose length

- ▶ Designed to regulate airflow and allows airflow to be adjustable
- ▶ Requires up to 15 cfm at 25-55 psi depending on hose length

- ▶ Designed for use with low pressure pumps and W-3020
- ▶ Requires up to 15 cfm at 4-15 psi depending on hose length

Pressure Hose



3M-W-9435-100
3/8" High Pressure Hose
(25, 50, OR 100ft)



3M-W-2929
3/8" High Pressure Hose
(25, 50, OR 100ft)



3M-W-3020
1/2" Low Pressure Hose
(25, 50, OR 100ft)

Air Purification Panels



3M-256-02-00
Portable Air
Purification Panel



**3M-256-02-04 /
3M-256-02-05**
Portable Air
Purification Panel



3M-256-02-01
Portable Air
Purification Panel



3M-W-2806
Portable Air
Purification Panel

- ▶ Comes with CO filtration and a monitor
- ▶ 50 cfm panel with 4 outlets

- ▶ Comes with a CO monitor
- ▶ 50 cfm panel with 2 outlets
- ▶ Intrinsically safe (In battery mode)

- ▶ Comes with CO monitor
- ▶ 100 cfm panel with 8 outlets
- ▶ Intrinsically safe (In battery mode)

- ▶ Designed to filter and regulate plant air



Versaflo™ Powered Air Purifying Respirator

The all-new, lightweight 3M™ Versaflo™ TR-300 Powered Air Respirator is an easy-to-use, versatile respirator system for environments with hazardous particles.



TR-300

Versaflo™ TR-302E/ TR-302UK Turbo Unit

The TR-302E turbo unit comes with only a filter cover and an airflow indicator.

- ▶ Protection from particles and some nuisance level*** gases and vapors
- ▶ Slim, lightweight, balanced design
- ▶ Controlled flow at 190 l/min
- ▶ Easy to adjust and maintain
- ▶ Audible and visual low airflow and low battery alarms
- ▶ Battery charge indicator
- ▶ A window on the turbo allows instant filter identification
- ▶ Outer surfaces are easy to clean
- ▶ IP53 rating, suitable for use in a decontamination shower



Versaflo™ TR-315E/ TR-315UK Starter Kit

This 3M™ Versaflo™ TR-315E starter kit includes the TR-300 turbo unit, particulate filter, pre-filter, standard belt, high-capacity battery pack, battery charger kit, self-adjusting breathing tube, and airflow indicator.

Technical Specifications	
Approvals Respiratory protection*	EN12941 TH2/TH3
Filters	Particle Particle + Nuisance level organic vapour*** Particle + Nuisance level acid gas filter (and Hydrogen fluoride, 10 x threshold limit value)***
Airflow Manufacturer's minimum design flow (MMDF) Nominal Airflow	170 l/min 190 l/min
Weight (incl. high-capacity battery, standard belt, and particle filter)	1 095 g
Battery Operating hours**	Li ion 5-6 hrs (economy battery) 10-12 hrs (high capacity battery)
Recharging time	Less than 3hrs (economy battery) Less than 3.5hrs (high capacity battery)
Belts selection	1) Standard webbing 2) Coated, easy-clean 3) Heavy-duty leather
Temperature range Operation Storage	-10°C to + 55°C -30°C to + 50°C

Integrated Suspension Head Covers



3M-S-133

- ▶ Designed to provide head and face coverage for general purposes
- ▶ Available in blue



3M-S-433

- ▶ The 3M™ Versaflo™ S-433L Hood is approved for use with certain 3M™ Powered Air Purifying and Supplied Air Respirator Systems



3M-S-533

- ▶ Designed to provide head and face coverage for general purpose
- ▶ More durable with soft, quiet, low-linting fabric that drapes comfortably over the wearer



3M-S-655

- ▶ Designed for greater comfort with adjustable airflow
- ▶ Provides a wider field of vision
- ▶ Replaceable hoods for better cost efficiency

BT-Series breathing tubes

All BT-Series breathing tubes feature the QRS (Quick Release Swivel) connection for maximum comfort and ease of use



3M-BT-20S-UK/
3M-BT-20L-UK
Standard duty breathing tube



3M-BT-30-UK
Length adjusting breathing tube



3M-BT-40-UK
Heavy duty breathing tube



3M™ Versaflo™ Powered Air Purifying Respirator

The TR-600 Versaflo Powered Air Turbo delivers protection, comfort, and performance with a lithium-ion battery, adjustable airflow options, and an expanded range of approved filters. These provide protection against hazards such as particulates, organic vapors, and acid gases. The system is designed to be compatible with various configurations of headtops, breathing tubes, batteries, filters, and more. The battery includes intuitive charge level indicators and a user interface to ensure you're prepared and can maximize battery life.



3M™ Versaflo™ Powered Air Purifying Respirator



The TR-800 is a PAPR blower UL-certified with an intrinsically safe (IS) rating of Division 1: IS Class I, II, III; Division 1 (includes Division 2) Groups C, D, E, F, G; T4, under the most current standard (UL 60079, 6th Edition, 2013).

Whether you're mixing and granulating compounds in a pharmaceutical facility or working with combustible gases in the oil and gas industry, the TR-800 motor blower is designed for environments where intrinsically safe (IS) equipment is essential.

It's designed for improved worker comfort, convenience, and control. Keep the air flowing - the multi-speed blower functions at altitudes up to 16,000 feet. The battery offers a long run time and charges quickly, achieving a 90% charge in approximately 3.5 hours.

More options for various tasks – Select from particulate filters or gas and vapor combination cartridges to suit different environmental protection needs. Work at your preferred speed – With multiple airflow rates, you have control over your comfort.

Battery:

- Approximately 750 full charge/discharge cycles
- Built-in charge level indicator
- Mechanical attachment of the battery to help prevent battery removal during use
- Work with ease – Intuitive, colored touchpoints plus visual and audible low-flow indicators help make the TR-800 easy to use





Self-Contained Breathing Apparatus (SCBA)

Aplus A3000

The **Aplus A3000** is an advanced breathing apparatus that utilizes technology to enhance the capabilities of firefighters, rescuers, and workers. It incorporates high-performance equipment without compromising safety and comfort. This ensures that firefighters are better protected, allowing them to concentrate on their core tasks without unnecessary concerns. Even better, this upgrade is budget-friendly as you transition to the next generation of equipment.



LC-AP-SCBA-A3000

Products Features:

- ▶ Drag rescue device (DRD) for easy rescue of any man down
- ▶ Anti-static impact resistant light weight space frame
- ▶ HP/MP hoses tucked away neatly to prevent tearing and abrasion
- ▶ Reflective shoulder indicators
- ▶ Hard wearing flame retardant webbing
- ▶ Rapid quick coupling - able to customize for dual users
- ▶ Comfortable weight bearing padding
- ▶ Rubber gauge cover impact protection
- ▶ Stainless steel adjustment pull ring
- ▶ Lightweight and flame retardant buckles
- ▶ Dual reading high-pressure gauge (A3000)

Aplus A6000

The **Aplus A6000**, an upgraded breathing apparatus, utilizes technology to enhance firefighter, rescuer, and worker performance. It offers higher-performing equipment while maintaining safety and comfort. This ensures improved protection for firefighters, allowing them to focus on their tasks. Plus, it's an affordable upgrade to equip your team for the next generation.

Products Features:

- ▶ Full-face mask with silicone inner mask
- ▶ Lung demand valve
- ▶ Composite air cylinders
- ▶ High-pressure reducer
- ▶ Rapid connect system (A6000)
- ▶ Head-up display (HUD)
- ▶ Digital and analog pressure gauge (A6000)
- ▶ Drag rescue device (DRD)
- ▶ Reflective shoulder indicators
- ▶ Comfortable weight-bearing padding
- ▶ Nomex and Kevlar shoulder straps



LC-AP-SCBA-A6000